

4 8 10
18

6754
16

LOG BOOK

OF

[Faint, illegible handwritten text]

130

THE
ANDREW SNOW, JR.
COLLECTION

#130

367 Tons	Bark Helen Mar			Built in 1855		
Sailed thru	Captain	Ocean	Agent	Sp	Mr	Boat
1/15/56 3/17/61	Henry F. North	Pae	Samuel Kelloock, son	304	1751	24997
	Sold to Boston in 1862					
4/18/66 5/12/70	Herenden	No Pac	Drift + Allen	200	2925	11050
	Bought from Boston in 1865					
9/26/71 4/15/76 7/6/76	Wm H. Koon	No Pac	Drift + Allen	340	3850	36085
	Geo E. Bauldry	"	"			

Old Dartmouth

WHALING
MUSEUM
LIBRARY

Historical Society

1853
1845
78

William Deshore



SHIP CHANDLERS,

PATENT CORDAGE, COTTON DUCK & OAKUM,

ANCHORS, CHAINS, Bolt Rope, & Russia, Manilla & American Hemp,

BOSTON.

Bartholomew Mar. Capt. Wm. Desha from Boston bound to Honolulu I.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Thursday ^{12th} day of March	1863
1						Begins with fine clear weather		
2						wind NW & cold. At 11 AM		
3						Steam tug & towed into stream		
4						Came to anchor off S. Boston flats		
5						with Port anchor & 15 fathoms chain		
6						At 8 PM gave her 25 fathoms chain		
7						Ends with good weather & light		
8						buzzes from Northward.		
9								
10						Friday 13 th March 1863		
11						Begins with good weather		
12						& cold. Wind NW. At 10 AM balance		
1						of our crew came on board. At 11		
2						the Captain & Pilot came on board		
3						Have short, made sail & proceeded to		
4						sea bound for Honolulu. Sandwich		
5						Islands this day of 12 hours. & begin		
6						an account which is		
7								
8								
9								
10								
11								
12								

18
30
31
30
26
135

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Saturday 14 th day of March	1863
1						Begins with fine weather & wind		
2	1		E. S. E.	N.W.		& W. At 1 PM passed Boston Light &		
3	6					Pilot left. Steaming E. S. E. All sail set		
4	8					that will draw. At 6 PM made Highland		
5	8					light -		
6	8					Middle Part		
7	8					Strong breeze. At 8 PM		
8	7					Highland Light bore N.W. Over 15 miles		
9	7		S. E. by S.	N. N. W.		from which I take my departure		
10	6					Kept off S. E. by S.		
11	6					Later Part		
12	6					Good weather. At 6 AM wind		
1	6					blew 15 W. N. W. At 11 breeze up strong		
2	6					from S. W. Handed S. Gal. sails. Main & by		
3	6					& lighter stay sails. Employed getting anchors		
4	6					lashed. Chains went out & below on.		
5	6					Pumps well attended. Ship makes no		
6	7					Lat 40. 55 N.		68 14
7	7							
8	7							
9	7							
10	7							
11	7							
12	7							

Bark Helen Mar

Capt William Dushow. From

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 13 th day March 1863
1	8		SE	NW		Begins with strong breezes from NW
2	8					& squally with show. At 3 PM set
3	8					Main J. Gal. Sail. At 6 $\frac{1}{2}$ PM. took
4	8					it in. double reefed the Topsails
5	7					Handed Mainsail & Fore Top. Stay sail
6	7					Middle Part
7	7					Heavy squalls with
8	7					snow.
9	7					
10	7					Latter Part
11	7					The same. Pumps regularly
12	7					attended.
1	7					Lat 39 25 N
2	7					65 13 W
3	7					
4	7					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8			NW.		
11	8					
12	8					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 14 th day of March 1863
1	9		SE	NW		Begins with strong breezes from
2	9					NW. At 4 PM set mainsail
3	9					At 5 $\frac{1}{2}$ PM turned over reef from
4	9					Main Top sail & set Main J. Gal
5	10					sail. Heavy sea on
6	10					Middle Part
7	9					More moderate & wind
8	9					hauling to Northward
9	8					Latter Part
10	7					At 6 AM set Sprakes
11	6					Miz. Top sail. J. Top Gal. Sail &
12	5					Inner Lib. At 8 AM rain squalls
1	4			North		from Eastward. Braced sharp by
2	4					the wind. At 10 strong breezes from
3	4					East. Handed J. Gal Sails & Miz Top sail
4	4					No etc. Lat 37.44 N Lon 62.44
5	4			NNE		
6	4					
7	5					
8	5					
9	5		SE	East		
10	5					
11	6		SE	E by S		
12	7					

Bark Helen Mar. Capt William Dushow. From

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Thursday 17th day March</i>	18 <i>63</i>
1	6		<i>S. by E</i>	<i>S. W.</i>		<i>Begins with good breezes from S.W.</i>	
2	6		<i>E. S. E.</i>			<i>Set 1st Hal. Sails over single reefed</i>	
3	7					<i>Top sails.</i>	
4	7						
5	8					<i>Middle Part</i>	
6	8					<i>Strong breezes from the</i>	
7	8					<i>West. At 10 AM hauled 1st Hal. Sails</i>	
8	8					<i>& Miz Top. Staysail.</i>	
9	9						
10	9					<i>Latter Part</i>	
11	9					<i>The Sailed. Ends with</i>	
12	9					<i>strong misty gales. Pumps were</i>	
1	9					<i>attended. Ship making no water</i>	
2	9						
3	9					<i>Lat 35.29 N. Lon = 56.33 W.</i>	
4	9						
5	9						
6	9						
7	9			<i>West</i>			
8	9						
9	9						
10	9						
11	9						
12	9						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Friday 18th day of March</i>	18 <i>63</i>
1	7		<i>E. S. E.</i>	<i>West</i>		<i>Begins with strong breezes from west</i>	
2	7					<i>at 12 PM. Set Main 1st Hal. Sail. At 2</i>	
3	6					<i>set Fore 1st Hal. Sail. At 3 wind begins</i>	
4	6			<i>N. N. W.</i>		<i>to blow Northw.</i>	
5	5					<i>Middle Part</i>	
6	5					<i>Wind hauling to Northward</i>	
7	4			<i>North</i>		<i>& Eastward. At 10 PM braced sharp on</i>	
8	4					<i>Port tack. At 3 AM and away calm</i>	
9	5						
10	5					<i>Latter Part</i>	
11	4			<i>N. E.</i>		<i>The Sailed. At 7 AM breezes</i>	
12	4					<i>up from South. Set all Sails</i>	
1	3					<i>Lat 35.05 N. Long 54.34 W.</i>	
2	3						
3	3						
4	0						
5	0						
6	0						
7	0						
8	3						
9	5						
10	6						
11	7						
12	7						

Boston Mass. bound to Honolulu, Sandwich Islands.

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H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS	1863
1	8		ESE.	West		Begin with strong breezes from the Westward with rain squalls at 2 PM wind hauls to Northward Middle Pass	1863
2	8		SE by E	W			
3	8						
4	7						
5	7						
6	6					Light airs. At 2 AM wind hauls to Westward with fine breezes.	
7	6			NE			
8	3						
9	3						
10	2					Latter Pass	
11	2					The same. Ends with strong breezes from NW. Pumps well attended. Ship makes no water. N. Obs.	
12	2						
1	2			N by W.			
2	4						
3	4			West			
4	5						
5	6						
6	6						
7	6						
8	6						
9	6						
10	6			NW			
11	7						
12	7						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS	1863
1	8		S. E by E	North		Begin with strong breezes from the Northward. At 2 P.M. heavy squalls	1863
2	8					Hauled J. Gal. sails. At 3 Close reefed Topsails & hauled Foresail Mainsail & Inner Lib. At 4 brought ship to the wind heading on port tack. East to E.S.E.	
3	7					Middle Pass	
4	5						
5	3						
6	2		E by S.	NNE	4 Pt.	Heavy gales & squally. At midnight let Foresail & kept off S.E.	
7	2					Latter Pass	
8	2						
9	2						
10	2						
11	2						
12	7		S.E.	North		At 4 AM. turned over reef from Main Topsail. At 9 let Mainsail	
1	7					Ends with strong gales. from NE	
2	7					Pumps well attended. Ship makes no water.	
3	7						
4	6						
5	6						
6	6						
7	6						
8	7						
9	7						
10	7		S.E. by E	NE.			
11	8						
12	8						

Bark "Helen Mar" Capt. William Deshew. From

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Monday 23rd day March</i>	1863
1	6		<i>SE 1/2 E</i>	<i>NE</i>		<i>Begins with strong breezes from NE At 2 PM turned on reef from fore topsail. At 5 AM let & spinnaker. Wind hauling eastward. Braced sharp on Port side.</i>	
2	6						
3	6						
4	6						
5	6						
6	6						
7	6						
8	6						
9	5		<i>SE 1/2 S</i>			<i>Middle & Latter Part More moderate Ends with fine weather. Pumps well attended. Ship makes no water.</i>	
10	5						
11	5						
12	5						
1	4		<i>SE</i>	<i>East</i>		<i>Lat 31.18 N Lon 48.41 W.</i>	
2	4						
3	4						
4	4						
5	5		<i>S 1/2 E</i>				
6	5						
7	5						
8	5						
9	4						
10	4						
11	5						
12	5						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Tuesday 24th day of March</i>	1863
1	5		<i>S 1/2 W</i>	<i>S 1/2 E</i>		<i>Begins with fine breezes with frequent heavy squalls. At 7 PM tacked to Eastward heading ENE</i>	
2	5						
3	4						
4	4						
5	4		<i>S 1/2 W</i>	<i>SE</i>		<i>Middle & Latter Part The same. At 7 PM under Main & Gal. Sail. Ends with strong breezes from the Southward with heavy head sea. Pumps well attended. Ship makes no water.</i>	
6	4						
7	4						
8	4						
9	2		<i>ENE</i>			<i>Lat. 31.08 N Long 46.37 W.</i>	
10	2						
11	2						
12	2						
1	2		<i>E 1/2 N</i>				
2	2						
3	2						
4	2						
5	3		<i>E 1/2 S</i>	<i>S 1/2 E</i>			
6	4						
7	0						
8	2						
9	5						
10	6						
11	6						
12	6						

[7]

Boston Mass. bound to Honolulu. Sandwich Islands. —

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Wednesday 25th day of March</i>	1863
1	6		E. S. E.	South		Begins with fine breezes from the	
2	6					Southeastward with heavy head breeze seen	
3	6					At 1 P.M. set fore & hal sail	
4	6					Middle Pair	
5	6					Moderate breezes. at 3 AM	
6	6					hauling to A.W. —	
7	6						
8	6		S. by E	S. S. W.		Latter Pair	
9	6					Good breezes from N. to	
10	5					E. N. E. & rain. — Pumps will	
11	5					attended Ship makes no water	
12	5					No observation —	
1	4					Lat 30.30 N Long 44 15 W S. —	
2	4			West			
3	4			N.W.			
4	4						
5	4			North			
6	5						
7	6						
8	6						
9	6		S. by S. E. N. E.				
10	6						
11	6						
12	6						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Thursday 26th day of March</i>	1863
1	6		S. by S.	E. by N.		Begins with good breezes from the	
2	5					Eastward & rain. At 2 P.M. light airs	
3	3					& Calms. At 5 P.M. backed to Northward. At	
4	2					7 P.M. " Southward At 8 P.M. breezes up	
5	1					Strong from N.W.	
6	1		N. by N.	E. by S.		Middle Pair	
7	2					At 8 P.M. hauled Hal. sails.	
8	3					Main sail Spunker Inner Lk. & close	
9	6		S. by E	N. N. E.		reefed Fore & double reefed Main Top sail	
10	5					At 11 P.M. set Main sail Spunker &	
11	4		S. E.			Inner Lk. At 3 AM on reef out of Fore	
12	3					Top sail	
1	2					Latter Pair	
2	1					Five breezes from N.E. At 6 AM	
3	1					passed a ship bound with us	
4	6		S. by E	N.E.		At 8 AM set Hal sails over single	
5	7					reefed Top sails	
6	7					Pumps will attended. Ship	
7	7					makes no water	
8	7					Lat 29.54 N Lon 42 28	
9	7						
10	7						
11	7						
12	7						

Black Arrow Mar. Capt. William Deshore From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Friday 27th day March</i>	1863
1	3		<i>SE by E</i>	<i>NE</i>		<i>Begin with light breeze from NE At 12 PM turned over all sails & set light sails. At 7 PM Calms with showrs</i>	
2	3						
3	5						
4	6						
5	4						
6	2						
7	1						
8	1						
9	1						
10	1						
11	1						
12	1						
1	1		<i>SE by S</i>	<i>E by N</i>		<i>Middle & Last Pair Calms with rains. At 1 Clear breeze up from NE Pumps well attended. Ship makes no water. Lat 29.31. Lon 41.09 W.</i>	
2	4						
3	5						
4	6						
5	5						
6	5						
7	5						
8	5						
9	5						
10	5						
11	5						
12	5						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Saturday 28th day of March</i>	1863
1	4		<i>SE by E</i>	<i>NE</i>		<i>Begin with light air from NE with rain. At 1 PM set light sails. At 4 PM Calms Middle Pair Light air & clear weather At 3 AM squally with heavy rains. At 4 handed for the Sails. Under for Muzzys Top sail Last Pair Fine breeze from NE & clear weather. I think we have the NE Trades. Lat 28.15 N Long 39.24 W</i>	
2	4						
3	2						
4	1						
5	0						
6	0						
7	1						
8	1						
9	2						
10	2						
11	2						
12	2						
1	0		<i>SE by S</i>	<i>E by E</i>			
2	0						
3	0						
4	6						
5	7						
6	7						
7	7						
8	7						
9	7						
10	5						
11	5						
12	5						

Mass. bound to Honolulu Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS. Sunday 29 th day of March	18 63
1	5		S. E. S.	E. S. E.		Begins with pleasant breezes from the N.E. Set all standing sail Employed tarring down at the main	
2	5						
3	4						
4	4						
5	5					Middle Pass	
6	5					Light airs & calms. At 3 A.M. light airs from Southward & Eastward	
7	5						
8	5						
9	3		S. E. E.				
10	3					Latter Part	
11	2					Moderate breezes from E. S. E. & fine weather. Signaled one large English ship & saw two other sails	
12	2					Pumps well attended. Ship making no water	
1	0						
2	0						
3	0						
4	1		South	E. S. E.			
5	2					Lat 27.45 N. Long 38.33 W	
6	3						
7	4						
8	4						
9	5						
10	6						
11	6						
12	6						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS. Monday 30 th day of March	18 63
1	6		Poudu	E. S. E.		Begins with pleasant breezes from E. S. E. At 2 P.M. wind hauls more	
2	6					rustling	
3	6		S. S. E.	East		Middle Pass	
4	6					Strong trades. At 11 P.M. hauled. Main Royal. Mizzen T. G. S. & Main T. G. S. Staysails. Outer Lib & Miz. T. G. S. & Miz. T. G. S.	
5	7						
6	7						
7	7						
8	8						
9	9		S. S. E.			Latter Part	
10	9					Fresh gales & squally. At 7 and hauled Fore T. G. S. sail. At 9 hauled Main T. G. S. sail. A heavy head beat sea. Pumps well attended. Ship makes no water	
11	9						
12	9						
1	9						
2	9						
3	9						
4	9						
5	9					Lat 24.40 N. Long 37.07 W.	
6	9						
7	8						
8	8						
9	7						
10	8						
11	8						
12	8						

Bark Helen Mar. Capt. William Dethron. From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Tuesday 31st day March</i>	18 63
1	8		SSE	East		Begin with strong trades & squally	
2	8					At 2 P.M. set Main Top. Gallant	
3	8					Sail. A heavy head sea	
4	8						
5	8					Middle Pair	
6	8					The same. At 8 1/2 P.M.	
7	8					handed Main & Hal sail	
8	8						
9	8					Latter Pair	
10	8					At 8 A.M. put on reef	
11	8		SSE	E.S.		in Topsails. At 10 set Main	
12	8					& Hal. sail. Ends evah	
1	7					strong gales. Pumps well	
2	7					attended. Ship making no	
3	6					water.	
4	6					Lat 22.04 N Long 35.47 W	
5	7						
6	7						
7	7						
8	7						
9	7						
10	7						
11	7						
12	7						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Wednesday 1st day of April</i>	18 63
1	8		SSE	East.		Begin with strong trades	
2	8					Employed tarring down & at	
3	8					various ship duty. At 7 P.M.	
4	8					handed Main & Hal. sail	
5	7						
6	7					Middle & Latter Pair	
7	7					The same with	
8	7					a heavy head sea. At 9 A.M.	
9	7					saw a Bark bound to Westward	
10	7					Pumps well attended. Ship making	
11	8		SSE			no water.	
12	8						
1	8					Lat 19.26 N Long 34.25 W	
2	8						
3	8						
4	8						
5	8						
6	8						
7	7						
8	7						
9	7						
10	7						
11	7						
12	7						

Mass bound to Honolulu. Sandwich Islands

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Thursday 2 nd day of April	1863
1	8		SSE	East		Begin with strong trades & squally with heavy head sea. At 6 PM put second reef in fore topsail		
2	8					At 8 put second reef in main topsail. At 8 passed a ship bound to the Northward.		
3	8					Middle Part		
4	8					The same, wind hauls a little more Northly.		
5	8					Latter Part		
6	8					More moderate, At 8 AM turned over reef from main topsail - Pumps well attended		
7	7					Ship making no water - No obs.		
8	7							
9	7							
10	7							
11	7							
12	7							
1	7		SE by S 1/2 S	E by N				
2	7							
3	6							
4	6							
5	6		SE by S					
6	6							
7	6							
8	6							
9	7							
10	7							
11	7							
12	7				20 ds			

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Friday 3 rd day of April	1863
1	6		SE by S 1/2 S	E by N		Begin with fine breeze & good weather. At 2 PM wind freshens up again		
2	6					Middle & Latter Parts		
3	7					Fresh gales from East		
4	7					SE & NE.		
5	7					Men employed at various ship duty. Pumps regularly attended. Ship makes no water		
6	7							
7	7							
8	7		SE by S					
9	7							
10	7							
11	6							
12	6							
1	7							
2	7							
3	7							
4	7							
5	7							
6	7							
7	8		SE by S	E & NE.				
8	8							
9	7							
10	7							
11	8							
12	8							

Bark "Helen Mar" - Capt. William Deshon. From Boston

Saturday 4th day April

1863

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	6		S.E.	East		Begins with strong gales. At 12 ^{1/2} PM
2	6					put second reef in Main Topsail
3	5					At 1 PM moderates. At 3 PM
4	5					turned one reef from Main
5	4					Topsail. At 5 PM set Main S. Hal. Sail
6	4					At 5 PM turned one reef from
7	6					Fore Topsail
8	8					
9	8		S by S $\frac{1}{2}$ S			Middle & Latter Part
10	8					Strong breeze & squally.
11	8					At midnight handed Main S.
12	8					Gal. Sail. At 8 AM set Main
1	7		S by S.			True Sail Pumps well
2	6					attended. Ship making no
3	6					water.
4	6					
5	8		S. E	E. N. E.		Lat 13.13' N Long 29.17 W
6	8					
7	9					
8	9					
9	7		S. E. $\frac{1}{2}$ S.			
10	7					
11	7					
12	7					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	6		S by S $\frac{3}{4}$ E	East		Begins with fine breeze. at times
2	6					light. At 2 ^{1/2} PM set Fore S. Hal. Sail
3	6					At 5 ^{1/2} squally. Handed Fore S. Hal. Sail
4	6					
5	6					Middle Part
6	6					At 8 PM set Fore True Sail
7	8					At 9 O'clock Jit & Mizzen Topsail
8	8					At midnight turned all reefs
9	7					from Topsails.
10	7					
11	7					Latter Part
12	7		S E	E N E		Fine weather & good breeze
1	6		S. S. E			At 10 AM set Mizzen Topsail
2	6					Pumps well attended. Ship makes
3	6					no water
4	6					Lat 11.10. N Long 27.56. W.
5	7		S E			
6	7					
7	7					
8	7		S. S. E			
9	6					
10	6					
11	6					
12	7					

Mass. bound to Honolulu Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 6 th day of April	1863.
1	7		SE 1/2 S	East		Begins with pleasant weather and fine breezes from the Eastward. At 1 PM. set Main	
2	7					Reel. At 3 PM. hauled Main	
3	7					Reel & Mizen Top. Stayed	
4	7		SSE			Fore & Mizen	
5	7					Fore & Mizen	
6	7		SE 1/2 E			Fore & Mizen	
7	7					Fore & Mizen	
8	8		SE 1/2 E			Fore & Mizen	
9	8		SE 1/2 E	SE 1/2 E		Fore & Mizen	
10	8					Fore & Mizen	
11	8					Fore & Mizen	
12	8					Fore & Mizen	
1	8					Fore & Mizen	
2	8					Fore & Mizen	
3	8					Fore & Mizen	
4	8		SSE	East		Fore & Mizen	
5	8					Fore & Mizen	
6	8					Fore & Mizen	
7	8					Fore & Mizen	
8	8					Fore & Mizen	
9	8					Fore & Mizen	
10	8					Fore & Mizen	
11	7					Fore & Mizen	
12	7					Fore & Mizen	

SE 1/2 S. 26
SE 3/4 S. 58
SE 1/4 S. 15
SE 1/4 E. 36
SE 1/4 E. 18 2

S. 20.7
SE 1/4 S. 46.7
SE 1/4 S. 12.9
SE 1/4 E. 50.6
SE 1/4 E. 15.0.9

18.6
49.6
7.7
22.9
9.8

Lat. 8.35 N Long. 160.32 W.

11.10
2.31
8.39

27.56
1.41
26.15

55
48
7.3

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday 7 th day of April	1863.
1	7		SSE	East		Begins with fine weather & good breezes from Eastward. -	
2	7					Employed setting up head stay &	
3	7					Middle Pair	
4	7					Good weather & fine	
5	8					breezes.	
6	8					Latter Pair	
7	8					The same. At 7 AM. set	
8	8					Main Reel & Mizen Top Stayed	
9	8					Saw two ships bounded North	
10	8					& came up with one ship bound	
11	8					South	
12	8					Lat 4.08 N. Low 25.0000	
1	8						
2	8						
3	8						
4	8						
5	8						
6	8						
7	7						
8	8						
9	8						
10	8						
11	8						
12	8						

ENE

NE

Bark "Helen Mar" Capt. William Dushon. From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday 8 th day April	1863
1	8		S. by E.	N. W. E.		Begin with fine warm weather & good breeze from the Northward	
2	8					All sail set. Employed setting up fore rigging.	
3	8						
4	8						
5	8						
6	8					Middle & Latter Parts	
7	8					The same. Ends	
8	8					with moderate breeze -	
9	8						
10	8					Lat 3.25 N Long. 23.30 W.	
11	8						
12	8						
1	8						
2	8						
3	9						
4	9						
5	8						
6	8						
7	7						
8	7						
9	7						
10	7						
11	7						
12	7						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday 9 th day of April	1863
1	6		S. by N	N. W. E.		Begin with fine warm weather & moderate breeze from the Northward	
2	6					Employed setting up main rigging	
3	5						
4	5						
5	4					Middle Part	
6	4					Light airs. At 10 P.M.	
7	5					a very heavy squall from the S.E.	
8	5					Clad up all light sails	
9	4						
10	3					Latter Part	
11	3		S. N	S. E.		Squall with rain. At	
12	3					6 P.M. set the sails. By 10 P.M.	
1	3		S. by N	E. by S		top sails. At 10 P.M. set Main	
2	4					Top. May Top. Stay sail	
3	4						
4	0					Lat 1.39 N. Long 23.37	
5	0						
6	0						
7	2			S. E. by E.			
8	3						
9	4						
10	3						
11	3						
12	0						

Mass: bound Honolulu Sandwich Islands

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday 10 th day of April	1853
1	0		Myr	Myr	-	Begin with light air, calm	
2	2					& squally weather. At 2 1/2 PM	
3	3		Sy W			tacked to Southward. Employed	
4	3					getting on chafing gear &c	
5	2						
6	2					Middle & Latter Part	
7	3		S.S.E	S.W.		Calm S. - At 7 AM	
8	3					light breeze. At 10 AM heavy,	
9	2					squall from S.E. Clouds up light	
10	2					airs. At noon set Main & M.S.	
11	1					Sail.	
12	0						
1	0					Lat. 51 N Long 23. 41 W.	
2	0						
3	0						
4	0						
5	0						
6	0						
7	1						
8	2		Sy W	S.E. &c.			
9	2						
10	2						
11	8						
12	8						

75-0
3-00
13-00
1-00
42-50
21-50
21-50

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 11 th day of April	1853
1	5		Sy W	Calr	$\frac{9}{45}$	Begin with light breeze. At	
2	5					4 PM nearly calm again	
3	4					All sail on ship	
4	4						
5	3					Middle Part	
6	2					Calm & light air	
7	2						
8	2					Latter Part	
9	2					Fine weather. At	
10	2					8 AM light	
11	1					Eastly breeze. Employed felling	
12	1					up Mizzens rigging	
1	1					Lat 11. 14 S Long	
2	1					24 Cape	
3	1						
4	1						
5	1						
6	1						
7	1						
8	2						
9	2						
10	3						
11	3						
12	4						

Bark "Alma Mar" Capt William Dethow. From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 12 th day April	1853
1	3		S.W.	East		Begins with good weather &	
2	3					light Easterly winds All standing	
3	2		S.W.			Sail on ship	
4	2						
5	3					Middle Pair.	
6	4					Heavy Showers. &	
7	5					wind comes more to Southward	
8	5						
9	2					Latter Pair	
10	2					Light breeze from South	
11	2					East with pleasant weather	
12	2						
1	3					Lat. 1.27 S. Long. 74. 22 W.	
2	3		S.W.	S.W.			
3	2						
4	1						
5	2						
6	3						
7	3						
8	3						
9	3		S.W.	S.W.			
10	3						
11	4						
12	4		S.W.	South			

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 13 th day of April	1853
1	2		S.W.	South		Begins with light breeze.	
2	2					At 5 P.M. rain squalls	
3	3					Middle Pair	
4	3					Wind variable with	
5	4					Calms.	
6	5					Latter Pair	
7	6		S.W.	East		Five knots from Southward	
8	6					All sail set. Lower sails	
9	5					in company	
10	4						
11	2					Lat. 2.55 S. Long. 75. 22 W.	
12	1		S.W.	South			
1	3						
2	4						
3	5						
4	6						
5	5						
6	3						
7	2		S.W.				
8	2						
9	4						
10	5						
11	5		N.W.				
12	6						

Mass. bound to Honolulu Sandwich Islands.

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H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Tuesday 14 th day of April 18 63
1	3		W. by S.	South		Begins with light breezes. At	
2	3					Sunset rain squalls.	
3	4						
4	4					Middle & Latter Parts.	
5	3					Calms. Ends with	
6	3		S. S. W.	SE		light breezes from Southward &	
7	1					Eastward	
8	0					Lat 3.4 S. Long	
9	0						
10	0						
11	0						
12	0						
1	0						
2	0						
3	0						
4	1						
5	1						
6	0						
7	0						
8	1						
9	2		S. W.	S. S. E.			
10	2						
11	2						
12	2						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Wednesday 15 th day of April 18 63
1	2		S. W.	S. S. E.		Begins with light breezes from	
2	3					the Southward & Eastward. Hands	
3	3					employed at various ship duty	
4	4						
5	4					Middle Part	
6	4					On same	
7	3		S. by S.	S. E. by S.		Latter Part	
8	3					Fin breezes from the	
9	2					S. E. - all sail set to best	
10	2		S. S. W.			advantage. Pumps well attended	
11	2					Ship makes no water	
12	2						
1	3					Lat. 5.0 S. Long	
2	3						
3	3						
4	3						
5	4						
6	4						
7	5						
8	5						
9	5						
10	5		S. S. W. 1/2 W.				
11	5						
12	5						

Barb "Helen Mar" Capt. William Desford From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						<i>Tuesday 16th Day April 1863.</i>
1	5		S.S.W $\frac{1}{2}$ W	S. E.		Begins with fine trades & showing
2	5					Employed at various ship duty
3	6					
4	6					Middle Part
5	7					Strong trades At 10 PM
6	7					handed Main Royal. At 1 AM
7	8					handed Main S. Gal. Stayed
8	8					
9	8					Latter Part
10	8					Fine breeze & pleasant
11	9		S.W by S.			weather. Pumps well attended
12	9					Ship makes no water
1	9					
2	8					Lat. 8.07 S. Long
3	8					
4	9					
5	9					
6	9					
7	8					
8	8					
9	8					
10	8					
11	7					
12	7					

3.4 days

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	
						Friday 17 th Day of April 1863	
1	7		S.W by S.	S.E by S.		Begins with fine trades. At 1 P.M.	
2	7				Set Main Royal. Employed at		
3	7				various ship duty.		
4	7						
5	7				Middle & Latter Parts		
6	7				The same. Ends		
7	8				with steady trades. Pumps well		
8	8				attended. Ship makes no water		
9	8						
10	8					Lat 10.35 S. Long	
11	7		S.W $\frac{1}{2}$ S				
12	7						
1	7		S.W by S.				
2	7						
3	7						
4	7						
5	7		S.W $\frac{1}{2}$ S				
6	7						
7	7						
8	7						
9	7		S.W	S.E.			
10	7						
11	7		S.W by W.				
12	7						

Mass. bound to Honolulu Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 18 th day of April	18 63
1	7		Swgn $\frac{3}{4}$ W	S $\frac{1}{4}$ E		Beginns with fine trades. Employed at various ship duty. Several sails in sight.	
2	7						
3	7						
4	7		Swgn $\frac{1}{2}$ W				
5	7					Middle & Later Part	
6	7					The same. Came up with a passed several vessels	
7	7		Swgn $\frac{1}{4}$ S	SSE		Ends with fine breezes.	
8	7						
9	7		Swgn $\frac{1}{2}$ W				
10	7						
11	7						
12	8						
1	8						
2	7		Swgn $\frac{1}{4}$ W				
3	7						
4	6						
5	6		Swgn	S $\frac{1}{2}$ E			
6	6						
7	6						
8	6						
9	7		Swgn $\frac{1}{2}$ W				
10	7						
11	8						
12	8						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 19 th day of April	18 63
1	8		Swgn $\frac{3}{4}$ W	SSE		Beginns with fine trades. will from the Southward. Passing several sails.	
2	8						
3	7						
4	7					Middle & Later Parts	
5	7		Sw			The same, with beautiful weather. All sail set to best advantage.	
6	7					Pumps regularly attended. Ship makes no water.	
7	7						
8	7		Swgn $\frac{1}{4}$ S	S. E.			
9	7						
10	7						
11	8						
12	8						
1	8						
2	8						
3	8						
4	8						
5	7						
6	7			S $\frac{1}{2}$ E			
7	7						
8	7						
9	8						
10	8						
11	8						
12	8						

Bark "Helen Mar" Capt. William Dushow, From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 20 th day of April	18 13
1	8		S. by S	S. by E		<p>Begins with fine weather & pleasant trades. All sail set to best advantage.</p> <p>Middle Pair</p> <p>Fresh breezes with sky overcast</p> <p>Latter Pair</p> <p>Strong trades. At 5 AM hauled Main Royal - Weather clear & fine. Pumps well attended. Ship makes no water -</p> <p>Lat 17.3, S. Long</p>	
2	7						
3	7						
4	7						
5	7						
6	7						
7	7						
8	7						
9	7						
10	7						
11	8						
12	8						
1	8						
2	8						
3	8						
4	8						
5	8						
6	9						
7	9						
8	9						
9	9			S. E.			
10	9						
11	9						
12	9						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday 21 st day of April	18 13
1	8		S. by S	S. by S.		<p>Begins with strong trades & fine weather. Employed at various ship duty. Set Main Royal at 12 P.M.</p> <p>Middle Pair</p> <p>Strong breezes. At 9 PM hauled Main Royal.</p> <p>Latter Pair</p> <p>The same. At 6 AM set Main Royal. Took it in at 9 AM. Several vessels in company</p> <p>Lat 20.14 S. Long</p>	
2	8						
3	8						
4	8						
5	8						
6	8						
7	9						
8	9						
9	9						
10	9						
11	9						
12	9						
1	9						
2	9						
3	8						
4	8						
5	8						
6	8						
7	9						
8	9						
9	9						
10	9						
11	9						
12	9						

Mass. bound to Honolulu, Sandwich Islands.

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Wednesday 22 nd day of April 1863						
1	7		S. W	S. E. by S.	*	Begin with fine trades & good weather. Took Harbore anchor on d'ick & secured port anchor on rail. At 6 PM squally. Handed Main Top Gal. Staysail
2	7					
3	7					
4	7					
5	7					
6	7					
7	8					Middle Part
8	8					Good breezes with a heavy head sea making
9	8					
10	8					
11	7					Latter Part
12	7					Strong breezes with heavy clouds. Pumps well attended
1	7					Ship making no water
2	7					
3	6					
4	6					Lat 22.31 S Lon.
5	7					
6	7					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Thursday 23 rd day of April 1863						
1	8		S. W	S. E		Begin with strong breezes from S.E. Rear saw main Topsail. At 6 PM handed Fly jib & Miz. Top sail
2	8					
3	8					
4	8					
5	9					Middle Part
6	9					Fine weather wind hauling to N.E. Set Main Hogue aft, NW.
7	8		SW 1/2 S			Latter Part
8	8					
9	8					
10	7			S. E. by S.		Fine weather with steady breezes from N.E. Rear Spear Under
11	6					Set. Pumps well attended. Ship making no water
12	6			N. E. by E.		
1	6					
2	6					
3	6					Lat 24.41 S Lon
4	6					
5	7					
6	7					
7	7					
8	7					
9	6					
10	6					
11	7					
12	7					

Bark "Helen". Har. Capt William Dushon. From Boston.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Friday 24 th day April 1863						
1	7		SW $\frac{1}{2}$ S	NNE		Begin with fine breezes from the Northward. At 3 PM rain squalls from the Westward with light breezes. Run and Foresail & span for Topsail
2	7					
3	6					
4	5		SW	NW		
5	3					
6	3					
7	3		SW $\frac{1}{2}$ S	NW		Middle & Latter Parts
8	3					Light airs & calms.
9	3		SW $\frac{1}{2}$ S.			Ends with baffling breezes from westward.
10	3					
11	3					
12	3					
1	3					
2	3					
3	3					
4	0					
5	0					
6	0					
7	0					
8	0					
9	1		West	Baffling		
10	1					
11	2					
12	2					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Saturday 25 th day of April 1863						
1		2	West	SSW		Begin with light breezes from S.W. Employed at repairing sails & various ship duty
2		2				
3		3	W $\frac{1}{2}$ S			
4		3				
5		4	W $\frac{1}{2}$ SW			Middle Part
6		4				Fine breezes & good weather
7		4				Latter Part
8		6				Light breezes - At 6 AM.
9		7				Set Main Rig.
10		7				Pumps well attended
11		7				Ship making no water
12		6				
1		5	SW	SSW		
2		5				
3		5				
4		5				
5		4				
6		4				
7		4				
8		4				
9		3				
10		2				
11		2				
12		2				

Mass. bound to Honolulu, Sandwich Islands

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 26 th day of April	1863
1			S. by W.	S. S. E.		Begin with fine weather, with	
2						a heavy swell making from the	
3						southward. All sail set to best	
4						advantage	
5			S. by S.			Middle Part	
6						Light breeze, & cloudy	
7						At 1 1/2 AM wind hauls to E. S. E.	
8			S. by S.	S. E.		Latter Part	
9						Fine breeze, wind hauling	
10						more to S. E.	
11						Lat. 27.31 S. Long	
12							
1				E. S. E.			
2							
3							
4							
5							
6							
7							
8				N. E.			
9							
10							
11							
12							

I think the mate forgot himself

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 27 th day of April	1863
1	6		S. by S.	S. S. E.		Begin with cloudy weather & good breeze	
2	6					from N. E. At 1 PM light airs & calms	
3	5					Middle Part	
4	5					At 1 1/2 PM heavy squalls from	
5	4					S. E. Tacked to Westward. Hauled Top	
6	3					Gal. Sails & put two reefs in Topsails	
7	3					Latter Part	
8	0		S. by S.	S. W. by S.		Strong breeze from S. E. At 8	
9	1					AM dunn'd one reef from Topsails & set	
10	1					Main Top Gal. S. W. D. At 10 AM set Fore	
11	1					Top Gal. Sail & Mizen Topsail Pump	
12	4					will attended. Ship makes no water	
1	5					Lat 28.46 S. Long	
2	5						
3	5						
4	5						
5	5						
6	5						
7	5						
8	5						
9	6						
10	6						
11	7						
12	7						

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Bark Helen Mar. Capt William Deshon. From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS	Tuesday 28 th day April	1863
1	5		S. by N	S. by E.		Begin with fine weather & good breezes. Towed out all reefs.		
2	5							
3	4							
4	3					Middle Part		
5	2		S. by W by N			Calms		
6	2							
7	3					Latter Part.		
8	2					Light breezes from N.E.		
9	1			Calms.		All sail set that will draw		
10	1					Pumps regularly attended. Ship making no water.		
11	1							
12	1							
1	1					Lar 29, 13 S. Long.		
2	1							
3	1		S. by S.					
4	1							
5	1							
6	1							
7	1			N.E.				
8	1							
9	2							
10	3							
11	4							
12	4							

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS	Wednesday 29 th day of April	1863
1	5		S. by S.	N.E.		Begin with fine breezes from N.E. All sail set. that will draw		
2	5					Middle Part		
3	6					Heavy rains & squalls		
4	6					At 2 AM wind hauled to		
5	5					Westward. At 4 hauled Top		
6	5					gal. sails		
7	5					Latter Part		
8	5					Strong gales. At 11 AM		
9	5					put two reefs in Topsails &		
10	6					hauled Main sail		
11	7							
12	7							
1	6					Lar 30 57 S. Lon		
2	5		S. by N	N. by S				
3	4		S. by E	S. by N				
4	6							
5	7		S. by E					
6	7							
7	7							
8	7							
9	7							
10	6							
11	6							
12	6							

Mass. bound to Honolulu Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Thursday 30 th day of April	18 63
1	2		E. S. E.	South		Begin with heavy gales from the S.W. At 1 PM close reefed	Top sails. At 2 reefed Fore sail. At 4 PM move ship to westward heading S.W. by W. At 5 set Main Spruce	
2	2							
3	3							
4	3							
5	3		S.W. by W.	S.W.				
6	3							
7	2							
8	2							
9	3		S.W. by S.	S.W. by S.		Middle Pair	Heavy gales & rough sea. Moderates somewhat at 4 AM.	
10	3							
11	3							
12	3							
1	3					Latter Pair	More moderate. At 9 AM reef out of Fore sail. At 10 one reef out of Main Top sail & set double reefed Spraker & fit pumps well attended. Ship makes no water	
2	3							
3	3							
4	3							
5	3							
6	3							
7	3							
8	3							
9	3		S.W. by S.					
10	5							
11	6							
12	6							

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H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Friday 1 st day of May	18 63
1	5		S.W. by S.	S.W. by S.		Begin with strong breeze. At 1 PM set Main sail. At 2 turned one reef from Spraker & fore Top sail	At 7 set single reefed Top sails - Middle Pair	
2	5							
3	5							
4	5							
5	5		S.W. by S.	S.E.		Strong breeze. At 9 PM set Main Top Gale sail. At 11 set fore Top Gale sail	Latter Pair	
6	5							
7	5							
8	5							
9	6		S.W. by W.	S.S.E.		The same. - Ends with fresh breeze from S.E.	Latter Pair	
10	6							
11	7							
12	7							
1	7		S.W.				Latter Pair	
2	7							
3	8							
4	8							
5	7		S.W. by W.					
6	7							
7	7							
8	7							
9	7		S.W. by W.	S.E.				
10	7							
11	7							
12	7							

Bark "Helen Mar" Capt. William Deshou. From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Saturday 2nd day May</i>	1853
1	7		<i>Sm 1/2 S</i>	<i>S.E.</i>		<i>Begins with fresh breeze. At 1 PM</i>	
2	7					<i>Heaved up all reefs & set the 1st</i>	
3	7					<i>Mizzen topsail. Bear down</i>	
4	7					<i>Main fore yard</i>	
5	7		<i>S.S.W</i>				
6	8					<i>Middle Pair</i>	
7	7					<i>Light breeze & fine weather</i>	
8	7					<i>Six Mizzen Top. Staysail at 3 AM</i>	
9	6		<i>Sm 3/4 S</i>				
10	5					<i>Latter Pair</i>	
11	5					<i>The same. Pumps will</i>	
12	4					<i>attended. Ship makes no water</i>	
1	4		<i>S.S.W</i>				
2	4					<i>Lat 34.46 S. Long</i>	
3	3						
4	3						
5	4		<i>Sm 1/2 S</i>				
6	4						
7	4						
8	4						
9	3		<i>S.S.W</i>				
10	2						
11	2						
12	2						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Sunday 3rd day of May</i>	1853
1	2		<i>S.S.W</i>	<i>S.E.</i>		<i>Begins with light breeze & fine</i>	
2	3					<i>weather. Bear span Mainsail</i>	
3	3						
4	4					<i>Middle Pair</i>	
5	4					<i>Fine breeze & clear weather</i>	
6	6						
7	6					<i>Latter Pair</i>	
8	7					<i>Wind haws to N. with</i>	
9	7			<i>E.S.E</i>		<i>good breeze. Pumps will attended</i>	
10	7					<i>Ship making no water</i>	
11	6						
12	6					<i>Lat 36.12 S. Long</i>	
1	6						
2	6						
3	6						
4	6						
5	6						
6	6						
7	6						
8	5						
9	5						
10	6			<i>N.E.</i>			
11	6						
12	5						

Mass. bound to Honolulu Sandwich Islands. —

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday ^{4th} day of May	1863.
1	4		S. S. W	NNE.		Begins with light breezes from the NNE. & good weather. At 6 Pm fine breeze Middle Pair	
2	4						
3	3						
4	3						
5	4						
6	5						
7	5		S. S. W $\frac{1}{2}$ W			Strong breezes. At 1 Am squally & wind hauling to NW. Latter Pair	
8	6						
9	7						
10	7						
11	7						
12	7						
1	7			NW			
2	8						
3	7						
4	7						
5	7						
6	7						
7	7			N. N. W.		Lat 38.10' S. Lon	
8	7						
9	7						
10	7						
11	6						
12	6						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Tuesday 5 th day of May	1863	
1	3		SSE	SW by W		Begins with light airs & calms. At 6 PM breezes up from S.E.			
2	1								
3	0				Calms			Middle Pair	
4	0						Fine breezes from S.E. to E.N.E.		
5	0						with cloudy weather.		
6	0						Latter Pair		
7	2		SSW $\frac{1}{2}$ W	SE		Strong breezes from N.			
8	4						Pumps well attended. Ship making		
9	4						no water.		
10	5				ESE		Lat 40.03 S. Low		
11	6								
12	6								
1	6			ENE					
2	6								
3	6								
4	6								
5	6								
6	6								
7	7			NE					
8	7								
9	7								
10	7								
11	8								
12	7								

Bark Helen Mas Capt. William Deaton From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday ^{6th} May	1863
1	6		SSW 1/2 W.	N E by N		Begins with good breezes & cloudy weather. A heavy swell making from the Southward. One ship in sight bound South. At 6 PM near Calm. Handed Top gal. sails	
2	6					Weather looking squally from the Westward	
3	5					Middle Part.	
4	5					At 10 PM breezes up strong from S.W. At 1 AM put two reefs in Topsails & handed Jit & Spanker	
5	3					At 4 AM handed Mainsail & reefed Foresail	
6	1					Later Part	
7	1			NW		Strong gales. At 8 AM close reefed Fore Topsail At 11 set reefed Mainsail	
8	1					Lat. 41.27 S.	
9	1						
10	1						
11	6		S by E.	SW by W			
12	7						
1	7						
2	6						
3	6						
4	5						
5	4						
6	3						
7	3						
8	3						
9	3						
10	3						
11	3						
12	3						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday ^{7th} Day of May	1863
1	3		S by E	SW.		Begins with strong gales & rough sea. At 4 P.M. put close reef in Main Topsail. At 8 PM wore ship to Westward.	
2	3					Middle & Latter Parts	
3	3					Heavy gales & squalls from S.W. Pump's well attended	
4	3					Ship makes no water	
5	3					Lat 41.55 S.	
6	3						
7	3						
8	3						
9	2		W 1/2 N	SSW			
10	2						
11	2						
12	2						
1	2						
2	2						
3	2						
4	2						
5	2						
6	2						
7	2						
8	2						
9	2						
10	2		W 1/2 S.				
11	2						
12	2						

Mass. bound to Honolulu Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday 8 th day of May	1863
1	2		N.S.W	Smith		Begins with light breezes with occasional heavy squalls from the Southward. At 2 P.M. set St & Spanker. At 3. reef out of Foresail	
2	2					At 5 P.M. reef out of Main sail	
3	2					Middle Part	
4	2					Calms. At 10 turned two	
5	2					reefs out of Main Top sail & one	
6	2					reef out of Fore Top sail	
7	1					Latter Part	
8	1					At 6 AM rainy. At 8 breezes	
9	0			Calms		up from S.E.	
10	0					Pumps well attended. Ship	
11	0					making no water. No Obs.	
12	0					Lat 42.07 S.	
1	0						
2	0						
3	0						
4	0						
5	0						
6	0						
7	0						
8	0						
9	2		SSW $\frac{1}{2}$ W	SE by E.		Barke Helen Mar	
10	3					Pumps well attended	
11	4					Ship making no Water	
12	5			E.N.E		San Francisco	

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H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 9 th day of May	1863
1	7		S.S.W $\frac{1}{2}$ W	N.E.		Begins with strong breezes from the N.E. & rainy. At 1 P.M. furl St & Spanker. At 3 heavy gales. Close reefed Top sails. reefed Foresail & furl Main sail	
2	7					Middle Part	
3	7					Heavy gales from E.N.E. & stormy. At 2 AM set reefed Mainsail	
4	7			E.N.E		At 3. Wind hauls to Southward & Eastward. -	
5	8					Latter Part	
6	8					Heavy squalls with rain & hail - At 8 AM brace	
7	8					sharp heading S.W.	
8	8					Lat 44.03 S	
9	8						
10	8						
11	7						
12	7						
1	7						
2	7						
3	7			E.S.E			
4	7						
5	7						
6	7						
7	8						
8	5						
9	4			S.E			
10	4						
11	4						
12	4						

Barb Helen Mar. Capt William Dushow. Bond. Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Sunday 10th day of May</i>	1863
1	4		<i>Surf S</i>	<i>SSE</i>		<i>Begins with moderate breezes & squally. At 2 P.M. let out reef out of Main sail. At 4 set double reefed Spanker & Liv. At 5 one reef out of Main Topsail. One sail in sight bound South</i>	
2	4						
3	4						
4	4						
5	4		<i>Surf S 1/4 S</i>	<i>SE</i>		<i>Middle Pair</i>	
6	4						
7	4						
8	5						
9	4		<i>Surf S</i>			<i>Weather finer. & sea going down. At midnight set single reefed Main & double reefed Fore Topsail</i>	
10	4						
11	4						
12	4						
1	4		<i>Surf S 1/4 S</i>			<i>Latter Pair</i>	
2	4						
3	4						
4	5						
5	5		<i>Surf S</i>			<i>Fine weather. Turned out all reefs & set Top Gal sails Fly Liv & Mizzen Topsail</i>	
6	5						
7	5						
8	5						
9	4						
10	4						
11	4						
12	4						

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H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Monday 11th day of May</i>	1863
1	3		<i>SSW</i>	<i>SE</i>		<i>Begins with light breezes & cloudy weather.</i>	
2	3						
3	4						
4	4						
5	3					<i>Middle & Latter Tails.</i>	
6	3						
7	3						
8	3						
9	3			<i>PSE</i>		<i>Calms & lighter baffling airs. Unbent Fly Liv & Mizzen Topsail</i>	
10	2						
11	2						
12	2			<i>NW</i>			
1	2					<i>Sur 45.59 S</i>	
2	1						
3	1						
4	1						
5	1			<i>SE</i>			
6	1						
7	1						
8	1						
9	1						
10	1						
11	1			<i>East</i>			
12	1						

0

Mass. bound to Honolulu. Sandwich Islands. —

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Tuesday 18 th day of May 1863
1	1		S.S.W	East		Begins with Calms & light airs from Eastward. Sky overcast	
2	1						
3	1						
4	1					Midate Pass	
5	1					At 8 P.M. trugs up from Southward & Eastward. —	
6	0					Little Pass	
7	0					The same. with cold weather	
8	0					Pumps well attended. Ship making no water.	
9	4		S.W. $\frac{1}{2}$ W	SSE		Lar 46.25 S.	
10	4						
11	5						
12	5						
1	4		S.W. $\frac{3}{4}$ S				
2	4						
3	4						
4	4						
5	4		S.W. $\frac{1}{2}$ W				
6	4						
7	4						
8	4						
9	4		S.W. $\frac{3}{4}$ S				
10	5						
11	4						
12	4						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Wednesday 19 th day of May 1863
1	4		S.W. $\frac{1}{2}$ W	S.E.		Begins with light trugs from S.E. to South with cloudy weather	
2	4					Midate Pass	
3	3					The same —	
4	3					Little Pass	
5	4		S.W.			At 5 A.M. wind hauls to East & at 8 to N.E. Ends with good trugs & fine cool weather	
6	4					Pumps well attended. Ship making no water	
7	3		S.W. $\frac{1}{2}$ S	S.E.		Lar 47.17 S.	
8	3						
9	4		S.W. $\frac{1}{2}$ S				
10	4						
11	3		S.S.W				
12	3						
1	4						
2	4						
3	4						
4	4						
5	4						
6	4						
7	5						
8	5						
9	5						
10	5						
11	6						
12	6						

msm. 14

S.W. $\frac{1}{2}$ W. 14

S.W. $\frac{1}{2}$ W. 8

S.W. $\frac{1}{4}$ S. 62

62.1

5.4

6-0

4-8

48-9

12-9

12-7

8-4

41-6

73.6

46.25

1-2

47.27

63.30

71.48

65.18

Bark "Helen" Mar Capt. William D. Snow from Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday 14 th day May	1863
1	6		SSE	NNE		Begins with fine weather & good breeze from NNE. At 2 P.M. wind changes to North & NNW.	
2	6			NNW			
3	6						
4	6						
5	6					Middle & Latter Parts	
6	6					Strong breeze from the Northward. Pumps well attended	
7	7					Ship making no water	
8	7						
9	7						
10	7					Lat 49.41 S.	
11	7						
12	7						
1	8		SSE				
2	8						
3	9						
4	8						
5	8		SSE	North			
6	8						
7	8						
8	7						
9	7						
10	8						
11	8						
12	8					62	

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday 15 th day of May	1863
1	8		SSE	NNE		Begins with strong breeze from the North to NNE. At 7 P.M. hauls the top gal. sail.	
2	9		SSE				
3	9						
4	9						
5	8					Middle & Latter Parts	
6	9					Strong breeze. At 10 P.M. wind hauling more westerly. Hauls Main top gal. sail. At 2 A.M. set top gal. sails - At 12 M. got a cast of the lead in 70 fathoms	
7	9						
8	8						
9	8						
10	8			NN			
11	8						
12	8					Lat 52.56 S.	
1	8						
2	8						
3	8						
4	7						
5	7						
6	7						
7	8						
8	8						
9	6		SSE	NNE			
10	6						
11	6						
12	6						

Mass. bound to Honolulu, Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 15 day of May	1853.
1	6		S.E.	N.W.		Begin with good breeze from	
2	6					In Northward with thick damp	
3	6					weather	
4	7					Middle & Latter Pair	
5	4		S.E.			The same with light	
6	4					breezes. At 12 M. got a cast	
7	4					of the lead in 7 fathoms water	
8	5					Pumps well attended. Ship making	
9	5					no water	
10	5					Lat 54 00 S.	
11	6						
12	6						
1	6						
2	6						
3	6						
4	5						
5	5						
6	5						
7	6						
8	6						
9	5						
10	5						
11	4						
12	3						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 16 day of May	1853
1	3		S.E.	N.W.		Begin with thick cloudy weather & light	
2	3					breezes from N.W. hauling at 2 PM to	
3	2			S.W.		S.W. At 4 PM Cape St Johns bears	
4	2					S.E. by Compass (Dist about 25 miles	
5	4		S.E. by			At 6 PM hauled Top Gal Sails & put two	
6	6					up in Top Sails	
7	2					Middle Pair	
8	1					Light breezes & calms. At	
9	1					9 PM wore ship to Westward	
10	1		N.W.			Latter Pair	
11	0					Light airs from Westward	
12	0					At 6 AM wore ship to Southward	
1	0					Strong current setting to Westward	
2	0					past the Island	
3	1					Lat 54 17 S.	
4	1						
5	1						
6	0						
7	0		S.E.				
8	1			N.W.			
9	2						
10	2						
11	4		S.E. by				
12	4						

Bark "Helen Mar" Capt William Dethow. Thos Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 18 th day May 1863
1	5		E. N. E.	N. W. W.		Begins with fine breeze from S. W. At 4 PM. Capt John bears S. W. by Compass. Dist 15 miles - At 4
2	6		S. E.			hauled for Top Sail & sent 5 fms two
3	7					reps in Fore topsail. At 7 Strong
4	7					breeze. Hauled Main Top Sail & sent
5	7		S. E. by E			and double reefed Main Topsail
6	8					
7	8					
8	8		S. S. E.			Midnight Pair
9	8					Strong gale & thick weather
10	8		S. by E.			At midnight at close reefed Topsails
11	8					& Foresail
12	8		S. W. by S.	N. W.		Latter Pair
1	6					More moderate. Pump
2	6					well attended. Ship making no
3	6					water. At 10.
4	6					Lat 56.09 S.
5	6					
6	6					
7	6					
8	6					
9	6					
10	5					
11	4					66
12	3		S. W.			

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday 19 th day of May 1863
1	2		S. W.	N. W. W.		Begins with thick weather
2	2					& light breeze from N. W.
3	2					At 3 wind hauled to S. S. E. now
4	3		S. by S. & S.	S. S. E.		Ship & sent 4 & two reefs
5	2					Spanker
6	2					Midnight Pair
7	3					Light breeze from
8	2					S. to S. W. & squally. At 11 PM
9	1		S. by W.	S. by E.		turned reef out of Fore sail
10	1					
11	1					Latter Pair
12	1					Squally - At 7 AM
1	1		N. by N.	S. by S.		now ship to Southward.
2	1					Lat 55.54 S.
3	1					
4	1					
5	2		N. by W.			
6	2					
7	2		S. by S. & S.	W.		
8	2					
9	2					
10	2					
11	2					
12	2					

Mass. bound to Honolulu Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Wednesday 20 th day of May	1863
1	/		S by W	Wester	2 Ps	Begins with heavy squalls from the Westward. At 12 P.M. furled Mainsail & Fore Topsail. At 4 Set Fore Topsail At 6. Set double reefed Spanker. Set & Mainsail. Wind hauling S.W. at 8 P.M.		
2	/					Middle Pair		
3	2					Steady breeze & good weather with a heavy sea from S.W. At midnight furled Spanker & set Latter Pair		
4	/		SSW			The same. Ends with squally weather, wind hauling to Southward & Westward. Pumps regularly attended. Ship making no water.		
5	/					Lat 56.11 S.		
6	/							
7	2							
8	2							
9	/							
10	/							
11	2							
12	2							
1	/							
2	/							
3	2							
4	2							
5	2							
6	2							
7	2							
8	2							
9	2		S by W					
10	3							
11	3							
12	J		S by W	W by S.				



H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Thursday 21 st day of May	1863
1	/		S by E	Wester		Begins with heavy squalls from the Westward. At 12 P.M. furled Fore Topsail At 3 more ship heading W. Furled Fore sail & hoisted under Close reefed Main Topsail & Fore Top. Staysail.		
2	/					Middle Pair		
3	/					Heavy squalls & strong gales from S.W. with snow & hail		
4	/		Wester	S by W.	6 Ps	Latter Pair		
5	/					At 7 A.M. wind hauled to West. At 8 more ship heading SSW. At daylight hauled in sight to the N. & W. Pumps well attended Ship making no water.		
6	/					Lat. 56.05-S.		
7	/							
8	/							
9	/							
10	/							
11	/							
12	/							
1	/							
2	/							
3	/							
4	/							
5	/							
6	/							
7	/							
8	/							
9	/		S by W	West				
10	/							
11	2							
12	2							

Bark Helen Mar. Capt. William Dishard. From Boston Mass

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday 22 nd day of May	1863
1	1		Syn	Mer		Begin with strong gales from the	
2	1					Westward. At 2 ³⁰ P.M. wind hauls to	
3	1					S.W. & moderates. At 3 ¹⁵ set close reefed	
4	2		SE	SW.		For Top sail. reefed Mainsail, Spanker	
5	3					& J.V. At 7 turned reef out of Top sail	
6	3					Middle Part.	
7	4					Strong breezes with a very	
8	5					heavy head bear sea. At 9 P.M. turned	
9	4		South	WSW		one reef out Main Top sail & Mainsail	
10	3					Wind hauling to NW.	
11	3					Latter Part	
12	3					The same. At 7 am set single	
1	4					reefed Main & double reefed For Top sail	
2	4		SW	WNW.		At noon Cape Horn bears WSW by	
3	4					compass. Just about 30 miles -	
4	4						
5	4					Lat 56.00 S	
6	4						
7							
8							
9							
10							
11							
12							

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 23 rd day of May	1863
1	2		S.W.	Mer		Begin with good breezes from	
2	2					the Westward hauling Southerly. A	
3	2					very heavy sea from the SW.	
4	2					Middle Part.	
5	1		South	N SW		Wind hauls to NW. with	
6	2					light breezes & rain. At 3 ¹⁵ am very	
7	1					heavy squalls - Hauled Spanker for	
8	1					& put second reef in Main Top sail.	
9	1					Reefed For sail & Mainsail -	
10	1					Latter Part	
11	1		SW	SW		At 7 ¹⁵ am heavy squalls	
12	1					close reefed Top sails -	
1	1					Pumps well attended. Ship	
2	1					makes no water	
3	1						
4	2					Lat 56.52 S.	
5	3		S.W.	SW.			
6	3						
7	3						
8	3						
9	3						
10	3						
11	2						
12	2						

Bound to Honolulu Sandwich Islands. —

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 24 th day of May	18 63
1	2		S by E			Begin with squally weather from the N.W.W. At 3 ^{1/2} PM wind hauls more southerly. At 4 more ship to NW. At 6 more ship to Southward	
2	2					At 7 turned reefs from mainsail & foresail & set jib & spanker	
3	2					Middle Part	
4	2					Heavy squalls from SW. At midnight hauled jib. Spanker	
5	1		NW by W			Mainsail, Foresail. More ship to Westward	
6	1					Latter Part	
7	1		S by W			Heavy gales & rough sea	
8	1					At 8 AM more ship to Southward. At 9 furler for topsail	
9	1		South				
10	1						
11	2						
12	2						
1	1		West				
2	1						
3	1						
4	1						
5	1		N.W.W.			Lat 56.42 S	
6	1						
7	1						
8	1						
9	1		SSE				
10	1						
11	1						
12	1						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 25 th day of May	18 63
1	1		SSE	WSW	4 ft.	Begin with heavy gales. Ship lying by the wind, with close reefed mainsail, topsail & fore top staysail. At 6 PM more moderate. Set reefed foresail	
2	1					Middle Part	
3	2		South			Very heavy gales from SW	
4	2					At 10 PM furler the foresail	
5	1					Latter Part	
6	1					The same. — Pumps well attended. Ship makes no water.	
7	2						
8	2					Lat 57.10 S	
9	2						
10	2						
11	1		South				
12	1						
1	1						
2	1						
3	2						
4	2						
5	1		S by E				
6	1						
7	2						
8	2						
9	1		SSE				
10	1						
11	2						
12	2						

Bark "Helen Mar" Capt. William Weston. From Boston

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
	1		S by E	W S W		<div> <div> Tuesday 26th day May 1863 </div> </div> <div> <p> Begins with very heavy gales from S W At 6 P.M. more Ship to the Northward Middle Part More moderate. At midnight set up for Tinsail. At 2 AM set for Topsail close reefed. At 4 set reefed Main sail Latter Part Moderate breeze. At 6 AM wind hauls to N. W. W. More ship to Southward. At 11 AM turned reef from Tinsail. set for Jib & Spanker. Pumps well attended. Ship making no water. Lat 57.04 S. </p> </div>
1	1					
2	2					
3	2					
4	2					
5	1					
6	2		N W W	S W		
7	1					
8	1		N W W			
9	1					
10	1					
11	1					
12	1		N W by N			
1	1					
2	2					
3	2					
4	2					
5	2					
6	2		S by S	N by E		
7	2					
8	2		S by N by W	N W		
9	2					
10	2					
11	2					
12	2					

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
			N W W	N W		<div> <div> Wednesday 27th day of May 1863 </div> </div> <div> <p> Begins with good breeze from N. W. with a heavy sea from the S. W. & rainy weather. At 1 PM turned reef from Main sail. At 4 set for & Spanker. Middle Part Light breeze from the Southward & sea going down. Turned on reef from fore & top reefs from Main Topsail Latter Part Light breeze & baffling At 8 AM breeze up from S. W. Set Top Gal. sails over single reefed Top sails. Lat 56.55 S. </p> </div>
1	3					
2	3					
3	2					
4	2					
5	3					
6	3					
7	2		N W W	S W		
8	2					
9	3		N W W			
10	3					
11	2					
12	2					
1	2		N by S	South		
2	2					
3	1					
4	1					
5	1		N by S			
6	1					
7	1					
8	2		N W W			
9	3					
10	3					
11	3					
12	3					

Mass. bound to Honolulu, Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday 28 th day of May	1863
1	5		Wyn	Surf W		Begin with good breeze from the SW.	
2	5		S by E			At 1 P.M. tacked ship to the Southward	
3	6					Handed Top Gal. Sails & put double	
4	6					reefs in Topsails. At 6 P.M. heavy squalls	
5	7		South			At 8 reefs Fore sail Mainsail. Close	
6	7					reefs Fore Topsail & furl'd Spanker	
7	7		S by W	Wys.		Middle Part.	
8	7					Strong gales & heavy head	
9	3					sea. At 9 P.M. furl'd Jit. At 3 A.M.	
10	3					Wind hauls to N.W. & blows strong	
11	2					Latter Part	
12	2					Heavy gales from Northward with	
1	3					a heavy sea from Westward. At 8 A.M.	
2	3					close reef'd Main Topsail & furl'd	
3	4		S by W	N.W.		Mainsail. At 11 wind hauls to	
4	6					N.W. & very heavy gales. Furl'd Fore	
5	7					Topsail. Pumps regularly attended	
6	7					Ship making no water	
7	8					Lat 56.59 S.	
8	8						
9	7		W.S.W.	N.W.			
10	6						
11	5						
12	4						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday 29 th day of May	1863
1	4		W.S.W.	N.W.		Begin with very heavy gales &	
2	3					immense sea. At 2 P.M. furl'd	
3	1		S.W.			Fore sail.	
4	1					Middle Part	
5	1		S.W.			The same. Carried away Fore sail	
6	1					yard	
7	2					Latter Part	
8	2					More moderate, with a	
9	1		South	W.S.W.		very heavy cross sea. Took a sea	
10	1					into Fore Top Stay sail & split it. Set	
11	2					up Jit gyps & bent Span Stay sail	
12	2					Ship labors heavily. Pumps well	
1	1		S by W			attended. Ship makes no water	
2	1					Lat 57.24 S.	
3	1						
4	1						
5	1						
6	1						
7	1						
8	1						
9	1						
10	1						
11	1						
12	1						

Bark "Helen Max" Capt. William Deshon. From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 30 day May	1863
1	/		South	W. S. W.		Begin with light air & calms	
2	/					with a very bad sea.	
3	/					Middle Pair	
4	/					The same	
5	0		N. S. W.	South		Latter Part	
6	0					At 5 AM buoy light	
7	0					from Northward & Eastward. hauling	
8	0					at 8 AM to the West. Set 2m	
9	0					Top sail close on fids. Jib & reef	
10	0					Main sail. Several ships in	
11	0					company. Pumps will attend	
12	0					Ship shaking no water.	
1	0					Lat 57.39 S.	
2	0						
3	0						
4	0						
5	/		W. S. W.	N. S. W.			
6	/						
7	/						
8	/						
9	/			West			
10	/						
11	2						
12	2						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 31 day of May	1863
1	2		S. S. W.	West		Begin with light breeze from	
2	2					the Westward & good weather. Turned	
3	2					our reef from Fore & Main Top sails	
4	2					For sail & Main sail & Set Spanker	
5	2		S. W. S.			Middle Pair	
6	2					Fin breeze from NW	
7	3		S. W.			At 3 1/2 AM wind hauled to SW.	
8	3					Latter Part	
9	4		S. W. W.			At 5 AM hauled to the	
10	4					Westward. At 7 1/2 AM set single	
11	4		S. W. W. & NW			reef top sails. At 8 buoy up	
12	4					hauled from S. S. E. Close on fids	
1	4					Top sails & furl Main sail	
2	4					Spanker & jib. Ends with heavy	
3	4		S. S. W.	S. W.		gale & rough to sea.	
4	4					Lat 57.51 S.	
5	3		S. S. W.	S. S. E.			
6	2						
7	2						
8	4						
9	7						
10	8						
11	8						
12	9						

Mass. bound to Honolulu. Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday ^{1st} day of June 1863
1	9		Brig	SSE		Begin with heavy gales from the N.E. & a rough sea. At 5 PM turned one reef from Fore & Main Topsails & Foresail. At 8 set Jib
2	9					Middle Pair
3	9					More moderate. wind hauling 1 st S.W. Set Mainsail & Spanker.
4	9					Latter Pair
5	8					Good breeze from N.W. 1 st
6	8					West. Pumps well attended. Ship making no water.
7	8					Lat 16.39 S.
8	9					
9	9					
10	9					
11	8		Near sloger	S.W. S.W.		
12	8					
1	7					
2	7					
3	6					
4	6					
5	4					
6	4					
7	4					
8	4					
9	4					
10	5		sloger			
11	5					
12	4					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday ^{2nd} day of June 1863
1	7		N.W.	Dry S.		Begin with strong breezes & increasing At 4 P.M. reefed Mainsail & Foresail
2	7					Close reefed Topsails & furl'd Spanker
3	7					Set. Mon ship to the Southward.
4	7					
5	4		Brig			Middle Pair
6	4					Strong gales brought Sea
7	4					Latter Pair
8	4					the Land. Spoke for Topmast
9	4		S.S.W.			Stem. Saw a large ship bound N
10	4					Eastward. Pumps regularly attended
11	4					Ship makes no water
12	4					Lat 16.57 S.
1	3		Sloger			
2	3					
3	3					
4	3					
5	3					
6	3					
7	2					
8	2					
9	3					
10	3					
11	4					
12	4					

Bark "Helen" Mar. Capt. William Geshow From Boston

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday 3 rd day June	1863
1	2		S.W.	N.W.		Begins with strong gales. At 12 1/2 PM	
2	2					furled mainsail & fore topsail. At	
3	1					6 PM were ship heading NW	
4	1					Midday Part.	
5	2					At 10 PM heavy squalls	
6	2					Furled topsail	
7	1		N.W.	N.S.W.			
8	1					Latter Part	
9	2		N.W.			The same. Set topsail &	
10	2					Main Spencer. Pumps will	
11	1					attended. Ship making no water	
12	1						
1	2					Lat 56.37 S.	
2	2						
3	1						
4	1						
5	2		N.W.	S.W.			
6	2						
7	2						
8	2						
9	2						
10	2						
11	2						
12	2						

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Thursday 4 th day of June	1863
1	2		N.W.	S.W.		Begins with strong gales & squally.	
2	2					At 6 PM more moderate. Set fore	
3	2					topsail. At 7 set mainsail	
4	2					Midday Part	
5	2		N.W.			Wind hauls to Northward	
6	2					& westward. At midnight were	
7	2					ship heading S.W. Set fore & spencer	
8	2					Latter Part	
9	2		N.W.	N.W.		Light airs & calms	
10	2					At 8 AM boughs up from N.W.	
11	2					Turned reefs from fore sail	
12	2					Mainsail & one reef from fore	
1	2		S.W.	N.W.		& Main topsails	
2	2					Pumps will attended	
3	1					Ship making no water	
4	1					Lat 56.10 S.	
5	1						
6	1						
7	1						
8	1		N.W.	N.W.			
9	4						
10	4						
11	6						
12	6						

Mass bound to Honolulu Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday 5 th day of June	1863
1	3		West	North		Begins with light airs & calms.	
2	2						
3	1					Middle Pair	
4	1					As midnight breezes up	
5	0					from the Westward. At 2 AM more	
6	0					Ship heading NW by N. Sea J. &	
7	0					Spanker.	
8	0						
9	0					Latter Pair	
10	0					Light breezes & squalls -	
11	0					At 8 AM from ship heading SSW.	
12	2		S. by E	SW by W		Ser single reefed Main Topsail &	
1	4		S by E			Main Top Gal. Sail -	
2	3		SW by N	NSW.		Pumps well attended, Ship	
3	1					makes no water	
4	1					Lat 56.56 S.	
5	1						
6	1						
7	1						
8	1						
9	1		S. by W	West			
10	2						
11	4						
12	2						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 6 th day of June	1863
1	3		S. by W	NSW		Begins squally from Westward with	
2	4					hail. At 2 PM furled Main Top Gal Sail	
3	1					At 6 double reefed Main Topsail	
4	0					Middle & Latter Pair	
5	3					Light airs & calms. At	
6	3					7 AM breezes up from S.E. Ser single	
7	2					reefed Topsails & Top Gal sails. At	
8	2					10 turned out all reefs & made	
9	2		S by W	W by S.		all sail. Ends with strong breezes	
10	3					from S.E. Pumps well attended	
11	3					Ship makes no water.	
12	1					Lat 56.58 S.	
1	0						
2	0						
3	0						
4	0						
5	0						
6	0						
7	0						
8	1		West	S.E.			
9	3						
10	6						
11	8						
12	8						

Bark "Helen Mar." Capt. William Deshon. From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 7 th day June	1863
1	8		West	S.E.		Begins with strong gales from ESE to	
2	8					S.E. At 3 PM. furl'd Spaulker & Miz Top	
3	9					Staysail. At 5 hauled Top Gal Sails	
4	10					At 8 put 2 reefs in Fore Topsail &	
5	10					one reef in Main Topsail & set Spaulker	
6	9					Middle Pair	
7	9					Strong gales hauling to	
8	9					Southward & Westward	
9	10		WSW			Lat 54.06 S	
10	10					Lat 54.06 S	
11	9					Thin breezes with snow	
12	9					squalls. Turned one reef from Fore	
1	8					Topsail & set Top Gal Sails -	
2	8			Southern		Breezes well attended. Ship	
3	8			SSW		making no water	
4	8					Lat 54.06 S	
5	8			SW			
6	8						
7	8						
8	8		NW & W				
9	6						
10	6						
11	6		NW	WSW			
12	6						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday 8 th day of June	1863
1	8		NW	WSW		Begins with strong breezes & good	
2	8					weather. At 6 PM. hauled Fore Top Gal Sails	
3	8					At 8 tacked to Southward, heading WSW.	
4	8					Middle Pair	
5	8		NW & W	West		Strong breezes. At midnight	
6	5					hauled Main Top Gal Sails	
7	4		North			Lat 54.06 S	
8	3					Lat 54.06 S	
9	4		WSW	NW		At 4 AM. double reefed	
10	4					Topsails. At 6 furl'd Jib & Spaulker	
11	5					At 7 hauled Mainsail. At 8 reefed	
12	5					Fore sail. Heavy gales & large sea	
1	3		West			making. At noon close reefed Topsails	
2	3					Breezes well attended. Ship making	
3	3					no water.	
4	3					Lat 52.47 S	
5	4		NW & W	North			
6	4						
7	4						
8	4						
9	4						
10	4						
11	4						
12	4						

Mass bound to Honolulu Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Tuesday 9 th day of June	1863
1	3		msw	North		Begins with heavy gales from the Northward. At 3 PM moderates. At 6 wind hauls to NE.	
2	3					Middle Pair	
3	2					Light breezes. Set mainsail & reef out of foresail	
4	2		msw	sw		Latter Pair	
5	2					Turned one reef from	
6	2					topsails & set Jib & Spanker. At 11 wind hauls to SW. Tacked to Northward heading NW by N.	
7	2					Lat 52.34 S.	
8	2						
9	1		msw				
10	1						
11	1						
12	1						
1	1						
2	1						
3	2						
4	2		msw				
5	1						
6	1						
7	2						
8	2						
9	3						
10	2						
11	2		msw	sw			
12	2						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Wednesday 10 th day of June	1863
1	2		msw	msw		Begins with light breezes from N.W. Set single reefed topsails & Jib. Cal. Sails At 4 PM tacked to the Southward. At 6 hauled for Jib sail	
2	2					At 8 hauled Main Jib sail	
3	2					Middle Pair	
4	2					Good breezes wind hauling to NE. At 2 AM furled Spanker	
5	3		msw	msw		At 4 Strong gales from SE. Close reefed topsails. reefed Jib sail & hauled mainsail & Jib	
6	4					Latter Pair	
7	5		msw			Strong gales from Southward	
8	5					At 10 AM set reefed mainsail	
9	4		msw			Pumps well attended Ship making no water	
10	4					Lat 51.43 S.	
11	5						
12	5						
1	6		msw	NE			
2	6						
3	6			NE			
4	6			SE			
5	5						
6	5						
7	4						
8	4		msw				
9	7						
10	7		msw	SE			
11	8						
12	8						

Bark "Helio. Mar." Capt. William Desford. From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Thursday 11 th day of June 1863						
1	7		SW	SW		Begins with strong gales from the South
2	7					1-SSW. At 1 PM turned reef from Foresail.
3	7					At 3 set 1st. At 4 one reef from Main topsail
4	7					Middle Pair
5	6					Light breezes & squally. Set Spanker
6	6					Turned reef from Mainsail & set Main
7	7					Top Gale Sail over single reefed Main topsail
8	8					Lower Pair
9	6					Calms & light airs. At 10 AM
10	6					light breezes from Southward & Eastward
11	6					Turned out all reefs & made all sail
12	6					Pumps well attended. Ship making no
1	5		NW by N. N.	N by S.		water
2	5					Lat 49 45 S.
3	4					
4	4					
5	1					
6	1					
7	1					
8	1					
9	0					
10	0					
11	1		NW by W	S. E.		
12	2					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Friday 12 th day of June 1863						
1	6		NW by W	SSE		Begins with fine breezes from
2	6					S. E. & pleasant weather. At 4 PM
3	8					strong breezes & cloudy. At 7 fueled
4	8					Top Gale Sails. At 8 put two reefs in
5	10					Top sails & fueled Spanker
6	11					Middle Pair
7	11					Strong gales. Set Spanker
8	10					double reefed
9	9					Lower Pair
10	9		NW			The same. At 8 AM
11	9					more moderate Turned on reef
12	9					from Top sails & set 1st Gale sails
1	9					Lat 47.09 S
2	9					
3	9					
4	9					
5	9					
6	9					
7	9					
8	9					
9	9					
10	9		NW	South		
11	9					
12	8					

Mass. bound to Honolulu Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS. Saturday 13 th day of June	1863
1	7		rw	SW		Begin with fine breeze from the	
2	8					Southeastward & good weather. At 2 PM	
3	8		swg r			wind hanes to SW.	
4	7					Middle Part	
5	7					At 8 1/2 PM. breeze sharp by	
6	7					the wind heading N.W. Fine breeze	
7	7					& cloudy weather	
8	7					Latter Part	
9	7		KNW	WSE		Fine breeze from Westward	
10	7					& thick rainy weather.	
11	7		Norw	WSE		Pumps well attended. Ship	
12	7					making no water.	
1	7					Lat 41.25 S.	
2	8		NW				
3	7						
4	8						
5	7		Norw				
6	7						
7	7						
8	7						
9	7						
10	6		swg r	WSE			
11	7						
12	7						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS. Sunday 14 th day of June	1863
1	7		KNW 1/2 N	WSE		Begin with good breeze from the	
2	7					Westward & thick rainy weather	
3	7					Middle & Latter Part	
4	7					The same. At 8 AM	
5	7		NW 1/2 N	WSE		turned up from Top sails & Spanker	
6	7					Lat 41.48 S	
7	8						
8	8						
9	8						
10	7						
11	7						
12	8						
1	8		NW				
2	8						
3	8						
4	8						
5	8						
6	7						
7	6						
8	6		KNW				
9	5		NW 1/2 N	WSE			
10	5						
11	6						
12	6						

Rank Helen Har. Capt. William Dushow. From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Monday 15th day June</i>	18 <i>63</i>
1	6		<i>W 1/2 N</i>	<i>W 1/2 S</i>		<i>Begins with steady breezes from the</i>	
2	6					<i>Westward & thick rainy weather</i>	
3	6					<i>Middle Pair</i>	
4	6					<i>Breezes up heavy & at 4</i>	
5	6		<i>N 1/2 W</i>			<i>AM very heavy squalls. Handed</i>	
6	6					<i>Up the sails & at 4 AM double</i>	
7	7					<i>up the topsails</i>	
8	7		<i>N 1/2 W</i>			<i>Letter Pair</i>	
9	7		<i>N 1/2 W</i>			<i>More moderate</i>	
10	7					<i>Made all sail</i>	
11	7					<i>Lat 39.29 S</i>	
12	7						
1	9		<i>N 1/2 E</i>	<i>N 1/2 W</i>			
2	9						
3	9						
4	9						
5	6		<i>N 1/2 W</i>				
6	6						
7	4						
8	4						
9	6						
10	6		<i>N 1/2 W</i>	<i>S 1/2 W</i>			
11	6						
12	6						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Tuesday 16th day of June</i>	18 <i>63</i>
1	6		<i>N 1/2 W</i>	<i>N 1/2 S</i>		<i>Begins with fine breezes from the</i>	
2	6					<i>Westward. Bear Miz. Top sail &</i>	
3	5					<i>Fly jib</i>	
4	5					<i>Middle Pair</i>	
5	4					<i>The same At 2 AM set</i>	
6	3					<i>Mizzen Top sail & Fly jib. At 6</i>	
7	3					<i>wind hauled to Southward.</i>	
8	4					<i>Letter Pair</i>	
9	5		<i>N 1/2 E</i>			<i>Five breezes. Set up</i>	
10	6					<i>Main Royal yard & bear Main</i>	
11	6					<i>Top sail. Fly sail. Ends with fine</i>	
12	6		<i>N 1/2 W</i>			<i>weather & light breezes from</i>	
1	6					<i>Westward</i>	
2	6						
3	6					<i>Lat 37.29 S.</i>	
4	6						
5	7		<i>N 1/2 W</i>	<i>S 1/2 W</i>			
6	7						
7	7						
8	6						
9	5						
10	5						
11	4						
12	4						

Mass. bound to Honolulu Sandwich Islands.

[49]

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Wednesday 17 th of June	1863
1	4		Nry N	SSE.		Begin with fine weather & light breeze from the Westward. Set up fore Royal yard & burst mainsail	<p>1st - Middle & Latter Part.</p> <p>Light airs & calms. At 8 AM tacked to Southward. Pumps were attended ship making no water</p> <p>Lat 36 40 S.</p>	
2	4							
3	4							
4	4							
5	3							
6	3							
7	2							
8	1							
9	2							
10	2							
11	2							
12	2							
1	2							
2	2							
3	2		NW.	NSE				
4	2							
5	0							
6	0							
7	0							
8	0							
9	1		NSE.	NW.				
10	1							
11	1							
12	1							

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Thursday 18 th day of June	1863
1	1		NSE.	NW		Begin with light airs & Calms. Employed. Scriming masts &c	<p>1st - Middle Part</p> <p>The same</p> <p>Latter Part.</p> <p>Good breeze from Westward</p> <p>At 4 AM tacked to Northward</p> <p>All sail set</p> <p>Lat 34 08 S.</p>	
2	1							
3	1							
4	1							
5	1							
6	1							
7	1		Wry N.					
8	1							
9	1							
10	1							
11	2							
12	2							
1	2		Smy N					
2	2							
3	2							
4	2							
5	4		Ny N	NW N				
6	5							
7	5							
8	5							
9	5							
10	5							
11	5							
12	5							

"Helen Mar." Capt. William Deshou. From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Friday 14th day June</i>	1863
1	6		N by E	N by N		Begins with good breezes from the Westward. Employs at various. Ship auty. Middle & Latter Parts the same. All sail set to best advantage. Pumps will attended. Ship making no water.	
2	6						
3	6						
4	6						
5	6		N by W				
6	6						
7	5						
8	5						
9	7		N by W				
10	7						
11	7						
12	7						
1	6		N by W				
2	6						
3	5						
4	5						
5	6		N by W				
6	6						
7	5						
8	5						
9	4		N by N				
10	4						
11	5						
12	5						

Lat 33.56.5

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Saturday 15th day of June</i>	1863
1	6		N by W 4 or 5 miles			Begins with fine breezes from the Westward & squally with rain At 1 Pm begins to clear. Ship auty. At 5 min hands 15 fms. Have all sail Middle & Latter Parts fine breezes from S-E. good weather.	
2	6						
3	6						
4	6						
5	6		N by W S. E				
6	6						
7	7						
8	8						
9	8						
10	8						
11	8						
12	8						
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Lat 31.57 S

Mass. bound to Honolulu. Sandwich Islands.

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	8		N.N.W	S.E.		Sunday 24 th day of June 1863 All these 24 hours fine breeze from S.E. & pleasant weather All sail set to best advantage Pumps regularly attended. Ship makes no water.
2	8					
3	8					
4	8					
5	8					
6	8					
7	7		N.W.N.			Lat 30.20 S.
8	7					
9	6					
10	6		N.W.N			
11	6					
12	6					
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	5		N.W.N.			
10	5					
11	5					
12	5					

174
184
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214
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404
414
424
434
444
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474
484
494
504
514
524
534
544
554
564
574
584
594
604
614
624
634
644
654
664
674
684
694
704
714
724
734
744
754
764
774
784
794
804
814
824
834
844
854
864
874
884
894
904
914
924
934
944
954
964
974
984
994
1004

100

129
256

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	5		N.W.N.	S.E.		Monday 22 nd day of June 1863 All these 24 hours. fine breeze from S.E. & pleasant weather Employed at various ship duty All sail set that will draw Pumps regularly attended. Ship making no water
2	5					
3	5					
4	5					
5	6					
6	6					
7	6		N.W.N			Lat 28.44 S.
8	6					
9	6					
10	6					
11	5					
12	5					
1	6					
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	7					
10	7					
11	7					
12	7					

Bark. "Helen" Capt. William Teshow. From Boston Mass.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	6		msw	SE		Begins fine breeze from S.E. & cloudy weather.
2	6					
3	7					
4	7					Middle & Latter Part
5	6					The Am. Cons. with light airs. Employed as various ship duty. All time set to her advantage.
6	6		NW			
7	6					
8	6					
9	5					
10	5		W			
11	5					Lat 27.10 S
12	5					
1	5		msw			
2	5					
3	5					
4	5					
5	5					
6	5					
7	4		NW			
8	4					
9	3					
10	3					
11	3					
12	3					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	2		NW	SE		Begins with light airs & calms. Began old Top & Main Top sails. Set aloft Top Top Studd sail boom. & over gear
2	2					
3	2					
4	2					
5	1					
6	1					Middle & Latter Part
7	1					Light breeze from S.E.
8	1					At 8 Am. Set Top Top Studd sail
9	3					
10	4					Lat 25.58 S.
11	5		msw			
12	6					
1	6					
2	6					
3	6					
4	6					
5	5					
6	5					
7	4					
8	4					
9	4					
10	4					
11	3					
12	3					

bound to Honolulu Sandwich Islands.

H	K	¹ / ₂ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
						Thursday 25 th of June 1863
1	3		N. by E.	S. E.	Begin	with light breeze & fine weather. At 1 PM set on Studdsail on Starboard side
2	3					
3	3					
4	3					
5	3					Midday Fair
6	3		N. W.			Good breeze. All sail set to her advantage
7	4					
8	4					
9	6					Latter Fair
10	6					Light air of calms.
11	6					Pumps regularly attended. Ship makes no water.
12	6					
1	5					
2	4					
3	4					
4	3		N. by W.			
5	2					
6	2					
7	2					
8	1					
9	1					
10	1					
11	1					
12	1					

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	1		NW.	S.E.		Friday 26 th day of June 1863.
2	1					Begins with light airs from
3	2					the S.E. At 1 PM set Topmast
4	2					Studding Sails on Port side
5	3					
6	4					Mid day 3 Latten Pails
7	5					Five trays. At 1 PM
8	5					shifted Lower Studding Sails from
9	5					Starboard to Port side.
10	4					Employed at various ship duty
11	4					
12	3					Lat 23.22. S.
1	6		W. by N			
2	6					
3	6					
4	6					
5	6					
6	6					
7	7					
8	7					
9	7					
10	7					
11	6					
12	6					

Bark "Helen Har." Capt. William DeLeon. From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 27 th day June 1863
1	4		N.W.	S.E.		<p>Five crews from S.E. & good weather through these 24 hours. Employed at various ship duty. Pumps well attended. Ship makes no water.</p> <p>Lat 21.47</p>
2	4					
3	4					
4	4					
5	5					
6	5					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					
1	5					
2	5					
3	5					
4	4					
5	6					
6	6					
7	6					
8	6					
9	7					
10	8					
11	8					
12	7					

106

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Sunday 28 th day of June 1863
1	8		N.W.	S.E.		<p>Strong breeze from S.E. to E.S.E. through these 24 hours with occasional rain squalls. All sail set to best advantage.</p> <p>Lat 19.36 S</p>
2	8					
3	8					
4	7					
5	7					
6	7					
7	8					
8	8					
9	9					
10	9					
11	9					
12	9					
1	8		N.W.			
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Mass. bound to Honolulu Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Monday 29 th day of June 1863						
1	8		NW	SE		Begin with strong breeze from SE N.E. & good weather
2	8					
3	8					
4	8					Middle & Latter Part.
5	8					Rainy with wind
6	8					light & hauling several points
7	8					with tray
8	8					All sail set to best
9	6					advantage. Hands employed
10	6		NW & W			at various ship duty
11	6					
12	6					
1	6		NW.			Lat 17.41. S.
2	6					
3	5					
4	5					
5	6					
6	6					
7	6					
8	6					
9	5					
10	5					
11	4					
12	4					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Tuesday 30 th day of June 1863						
1	3		NW.	SE.		Begin with light breeze & good weather. Employed at various ship duty
2	3					Middle Part
3	3					Light air with
4	3					showers.
5	3					
6	3					
7	2					
8	2					Latter Part
9	2					Five trays from SE.
10	3					All sail set that will
11	3					draw
12	4					
1	4					Lat 16.25 S.
2	4					
3	1					
4	1					
5	1					
6	1					
7	5					
8	7					
9	7					
10	7					
11	6					
12	5					

"Bark Helen Mar." Capt. William Diston From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Wednesday</i> ^{day} <i>July</i>	1863
1	6		NW.	S.E.		<p>All through. Use 24 hours. from begins from the S.E. & good weather employed at various ship duty. All gear set that will draw. 15 Any 1/2 pm ast of lower studdard - Sails well attended, ship makes no water. Lat 14.45 S.</p>	
2	6						
3	5						
4	5						
5	5						
6	5						
7	6						
8	6						
9	7						
10	7						
11	7						
12	7						
1	7		NW.				
2	7						
3	7						
4	7						
5	8						
6	8						
7	8						
8	8						
9	7						
10	7						
11	8						
12	8						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	
						Thursday ^{day of} July 1863	
1	8		NNE	SSE.		Begins with five bays from the S.E. At 5 PM wind hauled to NNE Braced up on Starboard tack & hauled in Lower Studdard Middle & Latter Part Wind hauls to S.E. again & five bays. All sail set that will draw Lat 12.40 S	
2	8						
3	8						
4	8						
5	5		NNE	SSE.			
6	5						
7	5						
8	6						
9	7						
10	7						
11	7						
12	7						
1	7		NW				
2	7						
3	7						
4	7						
5	7						
6	7						
7	8						
8	8						
9	8						
10	8						
11	8						
12	8						

Mr. J. A. 80
 2/17
 157.3

14.45
 2.17
 12.28

14.45
 2.17
 12.28
 17.0
 157.5
 17.0

Mass. bound to Honolulu Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS
Friday 3 rd day of July 1863						
1	7		N.W.	E.S.E.		All through these 24 hours. fine breezes from Southward & Eastward & pleasant weather - Employed at various ship duty - All sail set to best advantage - Pumps regularly attended Ship making no water Lat 10.3 S.
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					
1	7					
2	7			3-6		
3	7					
4	8					
5	8			6-6 3-6 12-0		
6	8				6-6 0-1 7-6	
7	8					11-3 12-4 13-1 14-4
8	8					
9	8					
10	8					
11	8					
12	8					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS
Saturday 4 th day of July 1863						
1	8		N.W.	S.E. & S		All these hours. fine breezes from S.E. & good weather Employed at various ship duty All sail set that will draw Lat 8.5 S
2	8					
3	8					
4	8					
5	8					
6	7					
7	7		N.W.			
8	8					
9	8					
10	8					
11	8					
12	9					
1	8					
2	8					
3	7					
4	7					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Bark "Helen Mer." Capt. William Weston, From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	1863
1	8		sargr	S.		<p> <i>Five braces all through these twenty four hours & pleasant weather. All sail set to best advantage. Pumps well attended Ship makes no water</i> </p> <p style="text-align: right;"><i>Lar 5.38 P.</i></p>	July 5 th day
2	8						
3	8						
4	8						
5	8						
6	8						
7	8						
8	8						
9	8						
10	8						
11	7						
12	7						
1	8						
2	8						
3	7						
4	7						
5	8						
6	8						
7	8						
8	8						
9	8						
10	8						
11	8						
12	8						

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	1863
1	8		sargr S.E.			<p> <i>Five braces from S.E. & pleasant weather. All sail set Star will draw.</i> </p> <p> <i>Later Part</i> <i>Wind hauls 15 East</i> <i>at 7 A.M.</i> </p> <p style="text-align: right;"><i>Lar 3.13 P.</i></p>	Monday 6 th day of July
2	8						
3	8						
4	8						
5	8						
6	8						
7	8						
8	8						
9	8						
10	8						
11	8						
12	8						
1	8						
2	8						
3	7						
4	7						
5	6						
6	6						
7	7						
8	7						
9	8						
10	8						
11	8						
12	8						

Mass. bound to Honolulu, Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Tuesday ¹⁰ day of July	1863
1	7		Wby N. ESE.			Five boys from East 10 SE. through these twenty four hours. All sail set to best advantage. Employed at various ship duty Pumps regularly attended Ship makes no water.		
2	7							
3	7							
4	7							
5	7							
6	7							
7	8							
8	8							
9	6							
10	6							
11	6							
12	6							
1	5							
2	5							
3	7							
4	8							
5	8							
6	8							
7	7							
8	7							
9	7							
10	7							
11	7							
12	7							

Lat 1.02 S.
121.20

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Wednesday ¹¹ day of July	1863
1	7		Wby N. S.E.			All through these twenty four hours. full SE trade. All sail set to best advantage. Hands employed at various ship duty Pumps regularly attended. Ship making no water		
2	7							
3	7							
4	6							
5	6							
6	6							
7	7							
8	7							
9	7							
10	7							
11	7							
12	7							
1	7							
2	7							
3	7							
4	7							
5	6							
6	6							
7	7							
8	7							
9	7							
10	7							
11	8							
12	8							

Lat 1.32 N.
122.34

2.34
124.77

Port Haven Har. Capt. William Deshou. From Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Thursday 9 th day of July 1863						
1	8		N by N	SE.		Five trades all through these twenty four hours. Hands employed at various ship duty. All sail set to best advantage. Pumps regularly attended. Ship making no water.
2	8					
3	7					
4	7					
5	6					
6	6					
7	6		N by W			Lat 3.16' N. 3.35 124.20
8	7					
9	6					
10	6					
11	6					
12	6					
1	6					128 68 190 138 603 118 days
2	6					
3	6					
4	6					
5	7					
6	7					
7	7					1546 196 170 138 603 3-16 1132 44
8	7					
9	7					
10	7		N by N			
11	7					
12	7					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Friday 10 th day of July 1863						
1	7		N by N	SE.		Five breezes from SE all through these twenty four hours. & pleasant weather. Employed at ship duty in general. All sail set to best advantage. Pumps well attended. Ship making no water.
2	7					
3	8					
4	8					
5	8					
6	8					
7	9		N by N			Lat 4.50 S. 126.46
8	9					
9	8					
10	8					
11	8					
12	8					
1	9					
2	9					
3	9					
4	9					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	8					
12	8					

Mass. bound to Honolulu, Sandwich Islands

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Saturday 11 th day of July 1863						
1	8		NW by W 1/2 N. SE			Through these twenty-four hours good breezes from SE & cloudy weather. Employed at various ship duty. All sail set to best advantage. Pumps regularly attended ship makes no water
2	8					
3	8					
4	8					
5	7					
6	7					
7	6					
8	6					
9	7					
10	7					
11	7					
12	7					
1	7		NW 1/2 N.			Lar 6.17 N. 129.04
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7		NW by W 1/2 W.			
10	7					
11	7					
12	7					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Sunday 13 th day of July 1863						
1	7		NW by W 1/2 N. SE			Begins with fair breeze from S.E. & pleasant weather. All sail set to best advantage. Hands employed at various ship duty. Moderate fair. Heavy rains, wind shifting East by light. Latter part of the day. Pumps regularly attended. Ship making no water. Lar 7.50 N. 130.46.
2	7					
3	7					
4	7					
5	7					
6	7					
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					
1	4		NW by W C.S.E.			
2	4					
3	4					
4	4					
5	5		NW			
6	5					
7	6					
8	7					
9	6		N.W.			
10	5					
11	5					
12	5					

Bark "Helen" Comd. by Capt. William Dethard, Boston, Mass

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Monday 13 th day of July 1862
1	4		NW	Eas		Begins with light breeze varying & hauling from SE to NE. At 5 PM squalls. Hauled in Studding Sails & hauled down staysails, & braced sharp by the wind heading NW.
2	3					
3	2					
4	2					
5	0			NE		
6	0					
7	1					
8	1					Middle & Latter Part Light baffling airs & calms with much rain - Employed at various ship duty. Pumps regularly attended ship makes no water
9	0					
10	0					
11	0					
12	0					
1	2			SE		
2	2					
3	3					<div>Lat. 83° N</div> <div>130.59</div> <div> $\begin{array}{r} 220 \\ 160 \\ \hline 391 \end{array}$ </div>
4	3					
5	2			South		
6	2					
7	2					
8	2					
9	3					
10	3					
11	3					
12	3					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Tuesday 14 th day of July 1863
1	2		NW	Mar		Begins with light airs from SE & calms. - Employed at various ship duty - Middle Part The same.
2	2			NE		
3	2					
4	2					
5	1			SE		
6	1					
7	1					
8	1					Latter Part Light breeze from the Westward. Pumps well attended. Ship making no water
9	0					
10	0					
11	0					
12	1					
1	3			South		
2	3					
3	3					<div>Lat. 92° N</div> <div>131.14</div> <div> $\begin{array}{r} 370 \\ 220 \\ \hline 218 \end{array}$ </div>
4	3					
5	4					
6	4					
7	3		NE	NW		
8	1					
9	4		NW	NE		
10	4					
11	3					
12	3					

bound to Honolulu - Sandwich Islands

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Wednesday 10 th July 1863						
1	4		N by N	W by W		Begins with light breeze from
2	4					W by W. At 7 PM hauled
3	4					logs. At 7 1/2 sail squares.
4	4					
5	4					Midnight of Latter Part
6	4					Steady breeze from
7	4					W. - Employed at various ship duty
8	6					
9	6					Lat 11.04 N
10	6					
11	6					132.12
12	6					
1	6		N.W.			
2	6					
3	6					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4					
10	4					
11	4					
12	4					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Thursday 11 th July 1863						
1	2		N.W.	N.E.		Begins with light baffling
2	0					Calms, also Calms.
3	0					Employed at ship duty
4	0					in ground -
5	0					
6	0					Midnight Part
7	0					the land
8	2					
9	0					Latter Part.
10	2					At 5 1/2 AM breeze up
11	3					light from N.E. & increasing
12	0					At 9 strong breeze. - At 10
1	0		N.W.			must steady air
2	0					Lat 11.42 N.
3	0					132.46
4	0					
5	0					
6	1					
7	2					
8	3					
9	5					
10	7					
11	8					
12	8					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	8		N.W.	NE		Friday 17 th day July 1863 All Amoy & Co. twenty four hours. Strong breeze from N.E. & fine weather.
2	8					Employed at various ship duties. All sail set. to best advantage Perhaps regularly attended. Ship makes no water
3	8					
4	8					
5	8					
6	8					
7	8					
8	8					
9	8					
10	8					
11	9					
12	9					
1	8					
2	8					
3	8					
4	9					
5	8					
6	8					
7	8					
8	8					
9	9					
10	9					
11	9					
12	9					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	9		Wby N/2 N	N.E.		All through three twenty four
2	9					Hours. Strong N.E. trade and
3	9					pleasant weather
4	9		N. by W			Employed at various
5	9					Ship duty. Passages well
6	9					attended. Ship making no
7	9					water
8	9					Lat. 14.30 N
9	8					
10	7					
11	7					
12	8					
1	10					
2	10					
3	10					
4	9					
5	9					
6	9					
7	9					
8	9					
9	9					
10	9		Wby N/2 N			
11	9					
12	9					

Vess. bound to Honolulu Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Sunday 19 th day of July 1863
1	8		NRW	ENE		Fin Trade & pleasant weather
2	8					Dr & NW wind hauls more
3	8					rapidly. Set Lower shading sail
4	7					
5	7					Middle & Latter Parts
6	7					The same - All sail
7	7					set to best advantage.
8	8					Pumps regularly attended
9	8					Ship making no water.
10	8					
11	9					Lat 15.37. N
12	9					
1	8					141.46
2	7					
3	7					
4	8					
5	8					
6	8					
7	8					
8	8					
9	6					
10	6					
11	6					
12	6					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Monday 20 th day of July 1863
1	8		NRW	NE		Begin with strong NW Trade &
2	8					pleasant weather -
3	8					Middle & Latter Parts
4	8					More moderate wind
5	8					hauling to East - All sail
6	8					set to best advantage. Pumps
7	8					regularly attended. Ship making
8	9					no water.
9	9					
10	9					Lat 16.54 N
11	8					144.29
12	8			East		
1	8					
2	7					
3	7					
4	6					
5	7					
6	7					
7	7			ENE		
8	7					
9	7					
10	7					
11	7					
12	7					

Barb. "Fried Har." Capt. William Brown from Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Tuesday 21 st day July 1863
1	7		N.W. C. RE			Begins with pleasant weather
2	7					+ good breeze from ENE.
3	6					Employed at various ship duty
4	6					All sail set to best advantage
5	7					Middle Part
6	7					Light breeze from East
7	7					Latter Part
8	7					Sail making
9	6					Pumps regularly
10	6					attended. Ship making no water
11	6					
12	6					
1	5		East			Lat 18.05 N.
2	4					
3	4					146.41
4	4					
5	6					
6	6		ENE			
7	6					
8	6					
9	7					
10	7					
11	7					
12	7					

10
607
147
162
112
11
75
601

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Wednesday 22 nd day of July 1863
1	7		N.W.	East		Begins fine breeze from Eastward
2	7					+ pleasant weather. Employed
3	7					at various ship duty.
4	7					Middle & Latter Part
5	7					The same
6	7					Pumps well attended
7	7					Ship making no water
8	7					
9	7					Lat 19.24 N.
10	7					
11	7					149.07
12	7					
1	6					
2	7					
3	7					
4	7					
5	7					
6	6					
7	6					
8	6					
9	6					
10	6					
11	7					
12	7					

156 1/2

149.07
148.41

225
148
79
225
190.41
188.5
119
79

Mass. Bound to Honolulu. Sandwich Islands.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
						Tuesday 23 rd day of July 1863
1	6		W.N.W. E.S.			All through the twenty four hours. Light breeze from Eastward & pleasant weather. Employed at various ship duty preparing for port etc. All sail set to best advantage. Thumps regularly attended. Ship making no water.
2	6					
3	5					
4	5					
5	4					
6	4					
7	4					
8	4					
9	5					
10	5					
11	5					
12	6					
1	5					Sat 20.24. N 150.54
2	4					
3	4					
4	5					
5	5					
6	5					
7	6					
8	6					
9	5					
10	5					
11	4					
12	4					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
						Friday 24 th day of July 1863
1	4		W. by N. E by S.			Light breeze from the Eastward all through the twenty four hours. with fine pleasant weather. Employed at various ship duty. All sail set that will draw. Thumps well attended. Ship makes no water.
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	5					
10	5					
11	5					
12	5					
1	5					Sat 20.47 N. 152.47 133 118 15
2	5					
3	5					
4	5					
5	5					
6	5					
7	5					
8	4					
9	5					
10	5					
11	5					
12	5					

Port Helen Mar Capt. William Dushow Saginaw Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 25 th day of July
1	4		WPN	SEB.		<p>Fine breeze a pleasant weather all through these twenty four hours.</p> <p>At 5 A.M. daylight, made the Island of Oahu on Port bows. - Lat 21.08</p>
2	4					
3	4					
4	4					
5	4					
6	4					
7	4		West.			
8	4					
9	4					
10	5					
11	5					
12	5					
1	6					<p>135°</p>
2	6					
3	6					
4	6					
5	6					
6	6					
7	6					
8	6					
9	7					
10	7					
11	7					
12	7					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Sunday 26 th day of July
1	7		West	East		<p>Fine steady breeze from East. Got anchors in shed. Chains on deck & bunt.</p> <p>At 9 1/2 PM. made the Island of Wahoo on Starboard bows.</p> <p>At 2 AM. lay the main yard aback off the Port of Honolulu.</p> <p>At 5 traced up standing in towards the reef. At 6 1/2 took Air. At 9 took Steam Tug & at 10 AM made fast alongside the wharfe in Honolulu. Furlled all sail & made all snug.</p> <p>Ends with fine warm weather & light easterly breeze. Se Ends this day of 36 hours.</p>
2	7					
3	7					
4	7					
5	7					
6	7					
7	7					
8	7					
9	7		W.S.			
10	7					
11	6					
12	6		W.S. & S.			
1	6					<p>17 30 31 30 26 124</p>
2	6					
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Mass. bound to Honolulu. Sandwich Islands. —

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1						Large Helms Mar Capt W. P. Shaw. Lying at Port of Honolulu, Sandwich Is.		
2						Monday 27 th July 1863. —		
3						2 Fine weather & pleasant trades		
4						In AM got cargo purchases up & commenced		
5						discharging from main hatch. —		
6								
7								
8						Tuesday 28 th July 1863.		
9						Fine weather & pleasant trades.		
10						Employed discharging cargo from Between decks. —		
11								
12						Wednesday July 29. 1863		
1						Fine weather finished discharging in		
2						between decks & commenced stowage. —		
3								
4						Thursday July 30. 1863		
5						Fine weather. Still Employed discharging		
6								
7						Friday July 31. 1863		
8						Fine weather. A national holiday & have		
9						discharged nothing. Employed painting ship & repairing sails		
10								
11						Saturday August 1. 1863		
12						Fine weather. Employed discharging		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1						Sunday Aug 2. 1863		
2						Still continues fine weather & strong trades		
3						Monday Aug 3 rd 1863		
4						Strong trades & good weather. Have finished		
5						discharging. Except heavy freight Coals &c which remain		
6						for ballast. At 4 PM dropped off from the wharf and		
7						Came 15 anchor mile Star Port Anchor & 30 fathoms chain		
8						Tuesday Aug 4. 1863		
9						Fine weather & strong trades. Employed,		
10						painting, repairing sails &c. Discharged Oak Plank into		
11						hatch. —		
12						Wednesday Aug 5. 1863		
1						The same. Employed painting, repairing sails &c		
2						Thursday Aug 6. 1863		
3						Fine weather & strong trades. Employed,		
4						painting & caulking. — At 10 PM strong breeze. Gave her		
5						chain 15 45 fathoms. —		
6						Friday Aug 7. 1863		
7						Fine weather & strong breeze. Employed painting		
8						& repairing sails		
9						Saturday Aug 8. 1863		
10						The same Employed as usual. —		
11						Sunday Aug 9. 1863		
12						Fine weather & strong trades		

Bartholemew Mar Capt Wm D. Shaw lying at Port of Honolulu S. Islands

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day	18
1			Monday Aug 10. 1863					
2			Fine weather. Employed at various ship duty.					
3			Tuesday Aug 11. 1863					
4			Fine trades. Sent down Top Gal. & Gale yards. and					
5			employed repairing sails & d. —					
6			Wednesday Aug 12. 1863					
7			Fine weather. Employed at various ship duty					
8			Thursday Aug 13. 1863					
9			Fine weather. Scraping yards. painting &					
10			Friday Aug 14. 1863					
11			The same — Employed as usual —					
12			Saturday Aug 15. 1863					
1			Fine trades — with rain at night. Employed					
2			at painting & d. —					
3			Sunday Aug 16. 1863					
4			Fine weather. — Port watch ashore —					
5			Monday Aug 17. 1863					
6			Fine strong trades. Employed at various ship duty					
7			Tuesday Aug 18.					
8			The same. Employed painting aloft & d. —					
9			Wednesday Aug 19. 1863					
10			Fine trades. Employed scraping topsail & lower yards					
11			Thursday Aug 20. 1863					
12			Fine weather. Employed as yesterday. —					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1			Friday Aug 21. 1863					
2			Fine weather. Employed scraping & painting yards					
3			Saturday Aug 22. 1863					
4			Fine trades. Employed as yesterday. —					
5			Sunday Aug 23. 1863					
6			Wind variable in forenoon. PM strong from N.E.					
7			Monday Aug 24. 1863					
8			Fine trades. Employed at various ship duty					
9			At sunset heavy rains —					
10			Tuesday Aug 25. 1863					
11			Fine weather & pleasant trades Employed					
12			at various ship duty. Painting head yards —					
1			Wednesday Aug 26. 1863					
2			Fine weather & pleasant trades. Sent down					
3			Fore Top Gal. mast. & fitting rigging —					
4			Thursday Aug 27. 1863					
5			Fine weather — Sent up Fore Top Gal. mast & set					
6			up rigging. also set up Head stays. —					
7			Friday Aug 28. 1863					
8			Fine weather — Sent down Main Top Gal mast					
9			& fitting rigging —					
10			Saturday Aug 29. 1863					
11			Fine trades & pleasant weather. Sent up					
12			Main Top Gal mast & set up rigging.					

2 Barb Helms Mar Capr. 11th (Deston, Lying at Port of Honolulu S. Islands

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1			Sunday Aug 30. 1863					
2						Fine weather & pleasant Trades. —		
3			Monday Aug 31. 1863					
4						Fine weather & light breeze. At 10 AM raised		
5						our anchor & hauled alongside 11th wharf. In PM disch ^d Cement		
6			Tuesday Sept 1. 1863					
7						Fine trades. Employ ^d discharging Coals & taking		
8						in ballast. —		
9			Wednesday Sept 2. 1863					
10						Fine weather. Employ ^d discharging Coals & taking		
11						in Ballast. Taken on board 30 tons ballast.		
12			Thursday Sept 3. 1863					
1						Fine weather. Finished discharging Coals. In		
2						PM. Commenced taking in Hides —		
3			Friday Sept 4. 1863					
4						Fine weather. Receiving Hides & Goat Skins —		
5			Saturday Sept 5. 1863					
6						Fine weather. Receiving Hides Goat Skins Wool &		
7			Sunday Sept 6. 1863					
8						Pleasant weather with light breeze from Southward		
9			Monday Sept 7. 1863					
10						Pleasant weather with southerly winds.		
11						Receiving Hides —		
12			Tuesday Sept 8. 1863					
						Fine weather. In A.M. receiving Goat Skins. Work		
						at 1 PM. dropped off from 11th wharf & moved ship. gave 45 fathoms on		
						Port chain & 30 fath. on Starboard. —		

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1			Wednesday Sept 9. 1863					
2						Fine weather & pleasant Trades. Stewards Employ ^d		
3						Stowing Cargo. —		
4			Thursday Sept 10. 1863					
5						Fine weather & strong trades. Employ ^d as usual		
6			Friday Sept 11. 1863					
7						Fine weather. Employ ^d as usual. Our men		
8						sick. —		
9			Saturday Sept 12. 1863					
10						Fine weather. Stewards employ ^d Stowing Cargo		
11						Three men gone to Hospital today —		
12			Sunday Sept 13. 1863					
1						Strong trade winds & pleasant weather		
2			Monday Sept 14. 1863					
3						Strong trades. Employ ^d Stowing Cargo. —		
4			Tuesday Sept 15. 1863					
5						Light variable winds with showers. Employ ^d		
6						as usual —		
7			Wednesday Sept 16. 1863					
8						Fine weather with light variable		
9						winds. Employ ^d as usual. Two of our sick men comm ^d to		
10						work again today —		
11			Thursday Sept 17. 1863					
12						Fine weather & strong trades. Employ ^d as		
						usual. Finished stowing what Cargo we have on board		

Barb Helen Mar" Capt. Wm. Doshoud Lying at Port of Honolulu S.I.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day	18
1			Friday Sept 18. 1863					
2						Fine weather & strong trades. Employed at various		
3						ship duty. Night light air & calms.		
4			Saturday Sept 19. 1863					
5						Fine weather & strong breezes. Employed as usual		
6			Sunday Sept 20. 1863					
7						Strong trades throughout day & night. -		
8			Monday Sept 21. 1863					
9						Fine weather & strong trades. Employed at various		
10						ship duty. -		
11			Tuesday Sept 22. 1863					
12						Strong trades. Employed tarring & at rigging work		
1			Wednesday Sept 23. 1863					
2						The same. Employed as usual. Night light air		
3			Thursday Sept 24. 1863					
4						Strong trades. Employed as usual. -		
5			Friday Sept 25. 1863					
6						Strong trades. Employed at various ship duty		
7			Saturday Sept 26. 1863					
8						Fine weather & strong trades. Setting up for rigging		
9			Sunday Sept 27. 1863					
10						Pleasant trades & good weather		
11			Monday Sept 28. 1863					
12						Fine weather. Setting up main rigging		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1			Tuesday Sept 29. 1863					
2						Fine trades. Employed at various ship duty		
3			Wednesday Sept 30. 1863					
4						Fine weather & light trades. Setting up Mizzen rigging		
5			Thursday October 1. 1863					
6						Fine trades. At work on Mizzen rigging		
7			Friday Oct 2. 1863					
8						Rainy in A.M. Employed at various ship duty		
9			Saturday Oct 3. 1863					
10						Fine weather. Varnishing decks &c -		
11			Sunday Oct 4. 1863					
12						Strong breezes from Southward & good weather		
1			Monday Oct 5. 1863					
2						Fine trades. Employed at various ship duty		
3			Tuesday Oct 6. 1863					
4						Fine weather. Employed as usual		
5			Wednesday Oct 7. 1863					
6						Strong trades. Employed painting &c		
7			Thursday Oct 8. 1863					
8						Fine weather. Employed at various ship duty		
9			Friday Oct 9. 1863					
10						Fine trades & good weather. Employed as usual		
11			Saturday Oct 10. 1863					
12						The same. Employed at ship duty -		

Park Allen Mar. Capt Wm. Dabow Lying at Port of Honolulu S. Islands

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1			Sunday Oct 11. 1863					
2						Fine weather & light Trades. Night Calm		
3			Monday Oct 12. 1863					
4						Fine Trades. Ship "Reinder" hauled alongside in PM		
5						to discharge oil on board of us. Four men from shore at		
6						work stowing keels. Men employed preparing to receive cargo. -		
7						Carpenters from shore employed putting bulk head in lower hold.		
8								
9			Tuesday Oct 13. 1863					
10						Fine weather. Four men from shore employed at		
11						work stowing keels. Two Carpenters employed as yesterday.		
12						Hands employed getting ship ready to receive cargo. -		
1			Wednesday Oct 14. 1863					
2						Strong Trades & fine weather. Carpenters finished bulk		
3						head at 2 P.M. - Men employed sending up Top Gallant yards		
4						and at ship duty in general. Ship Reinder hauled away from		
5						us to the wharfe to discharge our ft.		
6			Thursday Oct 15. 1863					
7						Weather cloudy with Calms & light Southerly		
8						winds. Hands employed at various ship duty. Carpenters		
9						in PM put up bulk head in after hold. -		
10			Friday Oct 16. 1863					
11						Heavy rains with light breeze from Southward		
12						& Calms. Carpenters employed as yesterday. Hands employed at ship duty		
						in general.		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1			Saturday 17 Oct 1863					
2						Good weather with Calms & light southerly winds		
3						Carpenters finished work at noon. Hands employed variously		
4						in night good breeze from S.W.		
5			Sunday 18 Oct 1863					
6						Fine weather with Calms -		
7			Monday 19 Oct 1863					
8						Light southerly airs & Calms At 8 AM raised		
9						our anchors & came alongside wharfe. PM receiving Wh.		
10						Bone from Ship Geo Howland. Ten Kanakas from shore at		
11						work in AM. & Five in PM. Ship Raduga from Boston		
12						arr today.		
1			Tuesday 20 Oct 1863					
2						Fine weather with light airs & Calms. Receiving oil &		
3						Wh Bone on ft. Bone from Ship Geo Howland & oil from Bk Nite		
4						Five Stewards & Eleven Kanakas at work from shore. -		
5			Wednesday 21 Oct 1863					
6						Fine weather with Calms. Receiving oil from		
7						Ship Reinder & Bk Nite & Wh. Bone from Ship Geo Howland		
8						Five Stewards & Eleven men at work from shore		
9						Recd from Geo Howland 157 Bbls tunc weighing 21700 lbs		
10			Thursday 22 Oct 1863					
11						Fine weather, light airs Calms. Employed as		
12						yesterday. - Five Stewards & Eleven men at work from shore		

Bark Helen Mar. Capt Wm. Proctor Lying at Port of Honolulu. Sandwich Is.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day	18
1			Friday 23. Oct ^r 1863					
2			Fine weather, with Calms. Employed receiving oil from Bark Nete					
3			Ten prisoners & six other men including stowaways at work from					
4			Shore					
5			Saturday 24. Oct ^r 1863					
6			Pleasant weather & very warm. Employed as yesterday. The same					
7			number of men as yesterday.					
8			Sunday 25. Oct ^r 1863					
9			Fine weather through day & night.					
10			Monday 26. Oct ^r 1863					
11			Fine weather. Finished taking oil. Have on board 804 $\frac{3}{4}$ Hls					
12			Ten prisoners & four stowaways at work in P.M. receiving wood					
1			N ^o 50 Belts.					
2			Tuesday 27. Oct ^r 1863					
3			Fine weather. Receiving wood & other Mase. Men at					
4			work $\frac{1}{2}$ day each. Two men & one Carpenter at work 1 day.					
5			Wednesday 28. Oct ^r					
6			Some rain with gusty winds. Receiving wood & other					
7			Mase. Six men at work - one Carpenter $\frac{1}{2}$ day.					
8			Thursday 29. Oct ^r					
9			Fine weather. Employed bending sails &c. One					
10			Carpenter at work from shore					
11			Friday 30. Oct ^r					
12			Fine weather. Strong breeze at night. Finished taking					
			cargo today. Three men from shore at work $\frac{3}{4}$ day each. One Carpenter					
			at work $\frac{1}{2}$ day. - Sails all bent & all ready for sea but shipping men					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1			Saturday 31 st Oct ^r 1863					
2			Heavy Showers. Employed preparing for sea.					
3			Sunday 1 st Nov ^r 1863					
4			Heavy Showers through day with strong trades					
5			Monday 2 nd Nov ^r 1863					
6			At 7 AM. hauled into stream & came to					
7			anchor with Port anchor & 15 fath chain. Men employed at					
8			various ship duty.					
9			Tuesday 3 rd Nov ^r					
10			Wednesday 4 th Nov ^r 1863					
11			Came in as the fresh breeze from					
12			the Eastward came on board at 1 st Officer & M. Malin					
1			Crew variously employed in ship duty					
2			Thursday 5 th Nov ^r					
3			Friday 6 th Nov ^r This day strong trades at 12 Noon					
4			Prep to make up company 1. 3 men 2 nd Boat Cook & Boy					
5			Pilot on attendance at 2.30 P.M. set the top sails					
6			& proceeded out of the Harbour at 3 P.M. passed the Boat					
7			at 3.30 Pilot left secured anchors unbent chains &c.					
8			wind in evening drove the ship 1. the top sails set 2 nd					
9			Course this day ends at 6 P.M. to commence					
10			see time					
11								
12								

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Thursday day of November 8 1863</i>
1						
2						
3						
4						
5						
6	6		SE	ENE		This day strong trade a 15. 16. day and fair breeze. weather calm Dull. 15. 16. 17.
7	6		"	"		
8	6		"	"		
9	5		"	"		
10	4		"	"		
11	4		"	"		
12	3		"	"		Middle part Calm heavy craft sea
1	2		"	"		
2	Cal					
3						
4						
5						
6	1		SE	ENE		Latter part fresh breeze
7	2		"	"		
8	3		"	"		
9	3		"	"		
10	5		"	"		
11	5		"	"		When I came to master the crew I found one man that was not shipped on the Antichy he having stayed away in the ship
12	5		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. <i>Friday day of November 9 1863</i>
1	"		SE	ENE		This day comes in with fresh trade with bad sea
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	6		"	"		
8	6		"	"		
9	5		SE	ENE		Middle part strong breeze & passing clouds 2 P.M. 16. 17. 18. 19.
10	4		"	"		
11	4		"	"		
12	6		"	"		
1	6		"	"		
2	6		SE	ENE		Latter part fresh trade went down 1st sail employed getting chipping gear on floor
3	5		"	"		
4	4		"	"		
5	3		"	"		
6	3		"	"		
7	3		"	"		
8	3		"	"		
9	4		"	"		
10	6		"	"		
11	6		"	"		
12	6		"	"		

Bark Helen Mar W^m Deshon Master From

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Saturday ^{day} November 1 st 1863
1	6		SSE	ESE		This day fresh trades & cloudy
2	6		"	"		all powder & sail set
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	6		"	"		
8	6		"	"		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	6		"	"		
1	6		SSE	ESE		Middle Part Strong breeze
2	6		"	"		and squall from N. by E
3	6		"	"		all sail set
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	6		"	"		Later Part More Moderate
8	6		"	"		by N. & E. all sail set
9	6		"	"		Met the Oil Ship morning
10	6		"	"		Sat Oct 16 09 A
11	6		"	"		Long in 157° 38' W
12	6		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Sunday ^{day of} November 8 th 1863
1	6		SSE	ESE		This day fresh trades & cloudy
2	6		"	"		Employed getting chipping
3	6		"	"		gun an & co
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	6		"	"		
8	6		"	"		
9	6		"	"		
10	6		"	"		Middle Part Moderate
11	6		"	"		all light sail
12	6		"	"		
1	6		SSE	ESE		
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		Later Part Light breeze
6	6		"	"		
7	6		"	"		
8	6		SSE	ESE		Lat 11° 14' 00" N
9	6		"	"		Long 157° 12' W
10	6		"	"		
11	6		"	"		
12	6		"	"		

Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Monday day of November 9 th 1863						
1	2	"	SSE	SEB		This day comes in with light breeze from the eastward & pleasant
2	2	"	"	"		
3	2	"	"	"		
4	2	"	"	"		
5	2	"	"	"		
6	2	"	"	"		
7	2	"	"	"		
8	2	"	"	"		
9	3	"	South	ESE		Middle Part Squally and running in light Sails
10	3	"	"	"		
11	3	"	"	"		
12	3	"	"	"		
1	4	"	"	"		Latter Part Moderate Light Sails
2	5	"	SSE	ESE		
3	5	"	"	"		
4	5	"	"	"		
5	7	"	"	"		
6	8	"	SSE	ESE		
7	8	"	"	"		
8	7	"	"	"		
9	6	"	"	"		Lat 10° 12' 19" N Long 157° 31" W
10	6	"	"	"		
11	5	"	"	"		
12	4	"	"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Tuesday day of November 10 th 1863						
1	4	"	SSE	ESE		This day Moderate trades and Pleasant Employed in ship daily Open Bt Bee
2	4	"	"	"		
3	4	"	"	"		
4	4	"	"	"		
5	4	"	"	"		
6	4	"	"	"		
7	4	"	"	"		
8	4	"	"	"		
9	5	"	SSE	ESE		Lat 10° 30' N Long 158° 10" W
10	5	"	"	"		
11	5	"	"	"		
12	6	"	"	"		
1	5	"	SSE	ESE		
2	5	"	"	"		
3	4	"	"	"		
4	4	"	"	"		
5	4	"	"	"		
6	5	"	"	"		
7	5	"	"	"		
8	5	"	"	"		
9	5	"	"	"		
10	6	"	"	"		
11	6	"	"	"		
12	6	"	"	"		

Barth Allen War W. D. Shon. Master.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						<i>Wednesday day November 18 1863</i>
1	6		S by E	E by N		<i>This day comes in with chillish breeze & pleasant</i>
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		<i>Middle part fresh breeze and squally in light.</i>
6	6		"	"		
7	6		"	"		
8	6		"	"		
9	6	"	"	"		<i>Left New York fresh breeze and squally in light. Left at 8 52 A Long 155° 52' W</i>
10	6	"	"	"		
11	6	"	"	"		
12	6	"	"	"		
1	6		"	"		
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	6		"	"		
8	6		"	"		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	6		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						<i>Thursday day of November 19 1863</i>
1	8		S by E	N E		
2	8		"	"		
3	8		"	"		
4	8		"	E N E		
5	8		"	"		<i>Throughout these 24 hours light track & squally</i>
6	8		"	"		
7	8		"	"		
8	8		"	"		
9	8		S by N	E by S		<i>Left at 8 52 A Long 155° 52' W Long by Am 157° 42' W</i>
10	8		"	"		
11	8		"	"		
12	8		"	"		
1	8		"	"		
2	8		"	"		
3	8		"	"		
4	8		"	"		
5	8		"	"		
6	8		"	"		
7	8		S by E	East		
8	8		"	"		
9	8		"	"		
10	8		"	"		
11	8		"	"		
12	8		"	"		

From Honolulu Toward Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Friday day of November 1868
1	3		S by E			
2	3		"			
3	4		"			
4	3		South			
5	1		"			
6	1		"			
7	6		"			
8	6		"			
9	6		"			
10	6		"			
11	4		"			
12	3		S by W			
1	1		"			
2	2		"			
3	2		"			
4	2		S by W			
5	1		"			
6	1		"			
7	1		"			
8	1		"			
9	1		South			
10	2		"			
11	2		"			
12	2		"			

Buffeting

This Day Buffeting
from the North East
Squarely with much
rain
Cutter Part very high
Leaving 6^h 23^m N

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Saturday day of November 14 th 1868
1	1		South N W			
2	1		"	"		
3	1		"	"		
4	1		"	"		
5	1		S by W S E			
6	1		"	"		
7	1		"	"		
8	1		"	"		
9	1		"	"		
10	2		S by W S East			
11	2		"	"		
12	2		"	"		
1	2		"	"		
2	2		"	"		
3	2		"	"		
4	3		"	"		
5	4		"	"		
6	5		"	"		
7	5		"	"		
8	5		"	"		
9	5		"	"		
10	5		"	"		
11	5		"	"		
12	5		"	"		

This day comes in with
light buffeting wind
A gradually raining

Middle Part Moderate
from the S E Cloudy

Cutter Part S E Trade
has let in
wet the list this morning
Leaving 15^h 15^m N
Leaving 15^h 19^m N

Barth Helen Mar W ^m Deshon. Master							day	18 63
H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Sunday	November 15 th
1	6		S W	S E		This day came in with light E breeze and pleasant S. by E. gale lacked by the S. by E had up Ballast sails & bunched up		
2	6		"	"				
3	6		"	"				
4	6		"	"				
5	6		"	"				
6	6		"	"				
7	6		"	"				
8	6		"	"				
9	4	$\frac{1}{2}$	E N E	S E		Middle Port Maderah & Blandys		
10	2	$\frac{1}{2}$	"	"				
11	2	$\frac{1}{2}$	"	"				
12	2	$\frac{1}{2}$	S by N	E S E		E. the Port Maderah li- censes at daylight made all ports dark sail		
1	2	$\frac{1}{2}$	"	"				
2	2	$\frac{1}{2}$	"	"				
3	2	$\frac{1}{2}$	"	"				
4	2	$\frac{1}{2}$	"	"				
5	2	$\frac{1}{2}$	"	"				
6	2	$\frac{1}{2}$	"	"				
7	2	$\frac{1}{2}$	"	"				
8	2	$\frac{1}{2}$	"	"				
9	2	$\frac{1}{2}$	"	"				
10	2	$\frac{1}{2}$	"	"				
11	2	$\frac{1}{2}$	"	"				
12	2	$\frac{1}{2}$	"	"				
							Lat Obs 39° Long 160° 10' 00" W	

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	1863
						Monday	November 16 th	
1	1		S W	E S E		Throughout these 24 hours light trades & pleasant		
2	4		"	"				
3	3		"	"				
4	3		"	"				
5	3		"	"				
6	3		S by E	East				
7	4		"	"				
8	4		"	"				
9	1		"	"				
10	1		"	"				
11	1		"	"				
12	1		"	"				
1	1		"	"		Lat Obs 03° N Long Obs 160° 39' W		
2	1		"	"				
3	3	$\frac{1}{2}$	"	"				
4	3	$\frac{1}{2}$	"	"				
5	3	$\frac{1}{2}$	"	"				
6	3	$\frac{1}{2}$	"	"				
7	3	$\frac{1}{2}$	"	"				
8	3	$\frac{1}{2}$	"	"				
9	3	$\frac{1}{2}$	"	"				
10	3	$\frac{1}{2}$	"	"				
11	3	$\frac{1}{2}$	"	"				
12	3	$\frac{1}{2}$	"	"				

From Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
1	3		SSE	ESE		This day light trades, and Pleasant Weather Employed in ship duty Lat $16^{\circ} 45' N$ Long by Chron $161^{\circ} 07' W$
2	3		"	"		
3	3		"	"		
4	3		"	"		
5	3		"	"		
6	1		"	"		
7	2	"	"	"		
8	2	"	"	"		
9	2	"	"	"		
10	2	"	"	"		
11	2	"	"	"		
12	2	"	"	"		
1	1	"	SSE	ESE		
2	1	"	"	"		
3	2		"	"		
4	3		"	"		
5	3	"	"	"		
6	4		"	"		
7	1		"	"		
8	1		"	"		
9	1		"	"		
10	6		South	"		
11	1		"	"		
12	1		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
1	6		SSE	ESE		This day comes in with fresh trade and Pleasant all drawing sail etc.
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	7	"	"	"		
8	7	"	"	"		
9	8		SSE	ESE		Middle & Leather pants strong trade and Clear Pleasant weather variously employed in ship duty set the Oct this morning Lat $16^{\circ} 21' S$ Long by Chron $161^{\circ} 40' W$
10	8		"	"		
11	8		"	"		
12	7	"	"	"		
1	7		"	"		
2	6		"	"		
3	7		"	"		
4	8		SSE	ESE		
5	8	"	"	"		
6	8	"	"	"		
7	7	"	"	"		
8	8	"	"	"		
9	8		"	"		
10	8		"	"		
11	8		"	"		
12	8		"	"		

72
56
45
173

Bark Helen Mar W^m Deshon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Thursday ^{day} November 19 th 1863
1	8		S 3/4 E	E by S		
2	8		"	"		
3	8		"	"		
4	8	"	"	"		
5	8	"	"	"		
6	8	"	"	"		
7	8	"	"	"		
8	8	"	"	"		
9	8	"	"	"		
10	8	"	"	"		
11	9	"	"	"		
12	9	"	"	"		
1	9	"	"	"		
2	9	"	"	"		
3	9		S S E	E by N		
4	9		"	"		
5	9		"	"		
6	9		"	"		
7	9		"	"		
8	8		"	"		
9	8		"	"		
10	8		"	"		
11	8		"	"		
12	8		"	"		

Throughout this 24 hours
 trying to catch the wind
 all drawing sail set

Lat 40° 5' 19" S

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Friday ^{day} November 20 th 1863
1	8		S S E	E N E		
2	8		"	"		
3	8	"	"	"		
4	8	"	S E by S	"		
5	8	"	"	"		
6	8		S E	N E by E		
7	8		"	"		
8	9		"	"		
9	9		"	"		
10	9		"	"		
11	9		"	"		
12	9		"	"		
1	9		"	N E		
2	10		"	"		
3	10		"	"		
4	9		"	"		
5	9		"	"		
6	9		"	"		
7	9		"	"		
8	9		"	"		
9	9		"	"		
10	B	"	"	"		
11	S		"	"		
12	S		"	"		

First & middle part of this
 day strong trade, squally
 at 6 P.M. in light sails

Latter part strong
 trade, bad head sea
 fine pleasant weather

Lat 40° 5' 00" S
 Long 160° 15' 11"

From Honolulu towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
1	8		S E	E N E		Saturday ^{day of} November 21 st 1863 This day fresh trade and squalls are in
2	8		"	"		
3	8		"	"		
4	7	"	"	"		
5	7		"	"		Midle Part Squalls
6	7		"	N E		
7	6	"	"	"		
8	6		"	"		
9	5		"	"		Latter Part fresh breeze and pleasant
10	7		"	"		
11	3		"	"		
12	3		"	"		
1	3		"	"		Lat 10° 11' 05" S Long by Com 158° 43' 11"
2	1		"	"		
3	1		"	"		
4	1		"	"		
5	6		"	"		
6	6		"	E N E		
7	6		"	"		
8	6		"	"		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	7	"	"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
1	7		S E by S	E N E		Sunday ^{day of} November 22 nd 1863 This day comes in with fine trade pleasant weather
2	7		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		Midle & Latter Part Squalls
6	6		"	"		
7	6		"	"		
8	6		"	"		
9	6		"	"		Lat 10° 12' 20" S Long by Com 158° 43' 11"
10	6		"	"		
11	6		"	"		
12	6		"	"		
1	6		"	"		
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	6		"	"		
8	6		"	"		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	7		"	"		

Bark Helen War M^{rs} Dishon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Monday ^{day} November 23 rd 1863
1	11		S E by E N E			This day comes in with moderate breeze & squally
2	11		"	"		
3	6 11		"	"		
4	11		"	"		
5	6 11		S S E E by N			Middle Part squally wind continuing southerly
6	6 11		"	"		
7	6 11		"	"		
8	6 11		"	"		
9	6 11		"	"		
10	6 11		"	"		
11	11	"	"	"		
12	11	"	"	"		
1	4 11		"	"		
2	4 11		"	"		
3	4 11		"	"		
4	3 11		S E by E East			Leather Part fresh trades & fine pleasant weather all sail set Lat 66° 14' 47" S Long 157° 36' 5" W
5	11		"	"		
6	4 11		"	"		
7	11		"	"		
8	11		"	"		
9	6 11		"	"		
10	6 11		"	"		
11	6 11		"	"		
12	6 11		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Tuesday ^{day} November 24 th 1863
1	6 11		S S E E by N			This day comes in with fine pleasant weather all drawing sail set
2	6 11		"	"		
3	6 11		"	"		
4	6 11		"	"		
5	6 11		"	"		Middle & Latter Part the same as the first Lat 66° 15' 33" S Long by bar 158° 49" W
6	6 11		"	"		
7	8 11		"	"		
8	9 11		"	"		
9	8 11	"	"	"		
10	5 11		"	"		
11	8 11	"	"	"		
12	8 11	"	"	"		
1	6 11		"	"		
2	6 11		"	"		
3	6 11		"	"		
4	6 11		"	"		
5	6 11		"	"		
6	6 11		"	"		
7	6 11		"	"		
8	6 11	"	"	"		
9	6 11	"	"	"		
10	6 11	"	"	"		
11	6 11	"	"	"		
12	6 11	"	"	"		

From Honolulu Towards Boston

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H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	1868
1	3		SE	East			Wednesday	November 25 th
2	3		"	"				
3	6	"	"	"				
4	6		"	"				
5	6		"	"				
6	6		"	"				
7	6		"	"				
8	6		"	"				
9	6		"	"				
10	6		"	"				
11	6		"	"				
12	6		"	"				
1	5	"	SE	ESE				
2	5		"	"				
3	5		"	"				
4	5		"	"				
5	5		"	"				
6	5	"	"	"				
7	5		"	"				
8	5		"	"				
9	5		"	"				
10	5		"	"				
11	6		"	"				
12	6		"	"				

These 24 hours fresh trades
fine pleasant weather

Lat Obs 20° 15' S

Long by Chron 155° 42' W

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	1868
1	6		SE	ESE			Thursday	November 26 th
2	6		"	"				
3	6		"	"				
4	5	"	"	"				
5	5		"	"				
6	5		"	"				
7	5		"	"				
8	5		"	"				
9	5		"	"				
10	5		"	"				
11	5		"	"				
12	5		"	"				
1	5	"	"	"				
2	5	"	"	"				
3	5		"	"				
4	5		"	"				
5	5		"	NSE				
6	5		"	"				
7	5		"	"				
8	5		"	"				
9	5		"	"				
10	5		"	"				
11	5		"	"				
12	5		"	NSE				

16-1 11-9 21.55
21.39 154.18
154.30

Through out these 24 hours
moderate trades and
pleasant fine weather

at 8 A.M. sighted the
Land bearing South
a small low island
about 7.5 miles SE
of H

Lat Obs 21° 55' S

Long by Chron 154° 18' W

Barth Allen Master Wm Dishon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Friday day November 18 1863
1	1		S E	N N E		
2	1		"	"		
3	1		"	"		
4	1		"	"		
5	3	"	"	"		
6	3		"	"		
7	3		"	N N W		
8	3		"	"		
9	3		"	"		
10	3	"	"	"		This Day Light breeze and
11	3	"	"	"		Pleasant breeze and thick N W
12	3		"	"		Clouds
1	3		"	"		
2	3	"	"	"		
3	3	"	"	"		
4	3	"	"	"		
5	3	"	"	"		
6	3		"	"		
7	3		"	"		
8	3		"	"		
9	3		"	"		
10	3		"	"		
11	3		"	"		
12	3		"	"		

Lat 00° 23' 28" S
Long 153° 05' W

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Saturday November 19 1863
1	3		S E	N N W		This day comes in with light
2	3		"	"		breeze from the Northward and
3	2		"	"		finally at 3 P.M. wind to
4	1		E S E	South		the South took in the
5	1		"	"		light sails weather
6	1		"	"		finally wind came to light
7	1		"	"		early at 6 P.M. to work back
8	1		S by N	S E		to the Southward and
9	1		"	"		pass the Cape in the
10	1		"	"		Spanker
11	1		"	"		
12	1		"	"		
1	1		"	"		Middle part thick fog
2	1		"	"		all weather
3	1		"	"		
4	3		S E	E N E		Light part very foggy
5	3	"	"	"		at 1 P.M. sails set
6	3	"	"	"		at 2 P.M. sails set
7	1		"	"		Spanker
8	1		"	"		
9	1		"	"		
10	1		"	"		No Ob This Day
11	1		"	"		
12	1		"	"		

From Honolulu Towards Boston

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H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
1	1	$\frac{1}{2}$	SE	NE		<p>Sunday ^{day of} November 29th 1863</p> <p>This day comes in with fresh breezes and thick rainy weather but a light breeze from the S.W.</p>
2	1	$\frac{1}{2}$	"	"		
3	1	$\frac{1}{2}$	"	"		
4	1	$\frac{1}{2}$	"	Nor'W		
5	1	$\frac{1}{2}$	"	"		
6	1	$\frac{1}{2}$	"	"		
7	1	$\frac{1}{2}$	"	"		
8	1	$\frac{1}{2}$	"	"		
9	1	$\frac{1}{2}$	"	NNE		
10	3	$\frac{1}{2}$	"	"		
11	3	$\frac{1}{2}$	"	"		<p>Middle & Latter Part Moderate and thick rainy weather & still very foggy due to steam from the S.W.</p> <p>All this Day</p> <p>Lat in 26° 15' S</p> <p>Long in 154° 29' W</p>
12	3	$\frac{1}{2}$	"	"		
1	3	$\frac{1}{2}$	"	"		
2	4	$\frac{1}{2}$	"	"		
3	4	$\frac{1}{2}$	"	"		
4	8	$\frac{1}{2}$	"	"		
5	8	$\frac{1}{2}$	"	"		
6	8	$\frac{1}{2}$	"	"		
7	8	$\frac{1}{2}$	"	"		
8	8	$\frac{1}{2}$	"	"		
9	4	$\frac{1}{2}$	"	"		
10	4	$\frac{1}{2}$	"	"		
11	1	$\frac{1}{2}$	"	"		
12	1	$\frac{1}{2}$	"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
1	5	$\frac{1}{2}$	SE	NNE		<p>Monday ^{day of} November 30th 1863</p> <p>This day comes in with moderate breezes & cloudy weather</p> <p>Middle Part fresh breezes & cloudy weather</p> <p>Latter Part fine fresh breezes all day</p> <p>Lat in 28° 54' S</p> <p>Long by Cross 148° 38' W</p> <p>Twenty Six days out</p>
2	5	$\frac{1}{2}$	"	"		
3	6	$\frac{1}{2}$	"	"		
4	6	$\frac{1}{2}$	"	"		
5	6	$\frac{1}{2}$	"	"		
6	8	$\frac{1}{2}$	"	"		
7	8	$\frac{1}{2}$	"	"		
8	8	$\frac{1}{2}$	"	"		
9	8	$\frac{1}{2}$	"	"		
10	8	$\frac{1}{2}$	"	"		
11	8	$\frac{1}{2}$	"	"		
12	8	$\frac{1}{2}$	"	"		
1	9	$\frac{1}{2}$	SE	NNE		
2	9	$\frac{1}{2}$	"	"		
3	8	$\frac{1}{2}$	"	"		
4	8	$\frac{1}{2}$	"	"		
5	8	$\frac{1}{2}$	"	"		
6	8	$\frac{1}{2}$	"	"		
7	8	$\frac{1}{2}$	"	"		
8	8	$\frac{1}{2}$	"	"		
9	8	$\frac{1}{2}$	"	"		
10	8	$\frac{1}{2}$	"	"		
11	9	$\frac{1}{2}$	"	"		
12	9	$\frac{1}{2}$	"	"		

Bark Helen Mary M^{rs} Teshon. Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Tuesday ^{day} December 18 th 1863						
1	9		S.E.	N.N.W.		This day comes in with fresh breeze from the Northward and thick rainy weather at 4 P.M. in all light sails
2	9		"	"		
3	10		"	"		
4	10		"	"		
5	10		"	"		
6	9		"	"		
7	9		"	"		
8	10		"	"		
9	10		"	"		
10	10		"	"		
11	9	$\frac{1}{2}$	"	"		Bright & Clear Partly strong breeze & thick rainy weather
12	9		"	"		
1	9		"	"		
2	9		"	"		
3	9	$\frac{1}{2}$	"	"		
4	9	$\frac{1}{2}$	"	"		
5	10		"	"		
6	9		"	"		
7	9		"	"		
8	8	$\frac{1}{2}$	"	"		
9	9		"	"		
10	10		"	"		
11	10		"	"		
12	9	$\frac{1}{2}$	"	"		

to Ob This Day
 Lat in 31° 54' S
 Long 141° 44' W

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Wednesday ^{day of} December 18 th 1863						
1	10		S.E.	N.N.W.		This day comes in with strong breezes from the N.N.W. and thick rainy weather at 5 P.M. wind to the N.W. & chased up
2	10		"	"		
3	8		"	"		
4	9		"	"		
5	8		"	"		
6	7		S by S	N.W.		
7	7	$\frac{1}{2}$	"	"		
8	8		"	"		
9	8	$\frac{1}{2}$	"	"		
10	8	$\frac{1}{2}$	"	"		
11	8	$\frac{1}{2}$	"	"		
12	8	$\frac{1}{2}$	"	"		
1	9		"	"		Middle Part fresh Gales & Clear Squally weather
2	9	$\frac{1}{2}$	"	"		
3	10		"	"		
4	9		"	"		
5	9		"	"		
6	9		"	"		
7	9		"	"		
8	9		"	"		
9	9		"	"		
10	9		"	"		
11	8	$\frac{1}{2}$	"	"		
12	8	$\frac{1}{2}$	"	"		

Log this Part fresh Gales and high sea with roughen sail
 Get wet the oil this morning
 Lat Ob 34° 30' S
 Long by our 146° 04' W

From Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Thursday December 3 rd 1868						
1	8		S by S	NW by N		This day came in with fresh Gale doubled reefed the Top Sails & furled Main Sail
2	8		"	"		
3	8		"	"		
4	8		"	"		
5	8		"	"		
6	6		"	"		
7	8		"	"		
8	8	"	"	"		
9	8		"	"		Middle Part more moderate but on account of Top Sails & 1 st Top Gallon Sails the wind howling southerly & by 1 st Main Sail & 1 st Gunter
10	8		"	"		
11	8	$\frac{1}{2}$ K	"	"		
12	8	$\frac{1}{2}$ K	"	"		
1	6		"	"		
2	6		"	"		
3	8		"	"		
4	8		S ^W E	S ^W W		Latter Part wind increasing in Top Gallon Sails & 1 st Gunter the Top Sails & 1 st Main Sail & 1 st Gunter large sea from the southward weather thick No 1 st Top Sails & 1 st Main Sail & 1 st Gunter Lat in by 0 ^h 36 ^m 24 ^s S
5	8		"	"		
6	8		"	"		
7	8	"	E by S	S ^W W		
8	8		"	"		
9	8		"	"		
10	8		"	"		
11	8		"	"		
12	8		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Friday December 4 th 1868						
1	8		E by N	SSE		Throughout these 24 hours fresh Gale & back sea double reefed Top Sails & 1 st Main Sail
2	8	"	"	"		
3	8	"	"	"		
4	8	"	"	"		
5	8	"	"	"		
6	8	"	"	"		
7	8	"	"	"		
8	8	"	"	"		
9	8	"	"	"		
10	8	"	"	"		
11	8	"	"	"		
12	8	"	"	"		
1	8		"	"		Lat 0 ^h 36 ^m 05 ^s S Thirty Days out
2	8		"	"		
3	8		"	"		
4	8		E ^W N E	S ^W E		
5	8		"	"		
6	8		"	"		
7	8		"	"		
8	8		"	"		
9	8		"	"		
10	8		"	"		
11	8		"	"		
12	8		"	"		

Bark Helen. Comd Wm. Deshon. Master.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Saturday ^{day} December 18 th 63						
1	2		E N E S E			This day comes in with
2	2		"	"		strong Gale & thick
3	2		"	"		weather at 4 P.M. some
4	2		South E S E			Ship head to the Southward
5	2		"	"		wind hauling Easterly
6	2		"	"		close reefed Top Sail
7	1	$\frac{1}{2}$	"	"		
8	1	$\frac{1}{2}$	"	"		
9	1	$\frac{1}{2}$	"	"		
10	1	$\frac{1}{2}$	"	"		
11	1	$\frac{1}{2}$	"	"		Middle Part strong Gale
12	1	$\frac{1}{2}$	S by E E by S			and thick raining weather
1	1	$\frac{1}{2}$	"	"		
2	1	$\frac{1}{2}$	"	"		
3	1	$\frac{1}{2}$	"	"		
4	2		"	"		Outer Part heavy Gale
5	2		"	"		with high sea at 8 P.M.
6	2		"	"		close reefed Top Sail in
7	2		"	"		Span Key Ends with heavy
8	1	$\frac{1}{2}$	South E S E			Gale rounded Top Sail
9	1	$\frac{1}{2}$	"	"		
10	1	$\frac{1}{2}$	"	"		A. B. This Day
11	1	$\frac{1}{2}$	"	"		Lat in 3 rd 22 nd South
12	1	$\frac{1}{2}$	"	"		Met the Oil this Morning

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Sunday ^{day of} December 19 th 63						
1	1	"	S S W S E			This day comes in with heavy
2	1	"	"	"		Gale from the S E and
3	1	"	"	"		thick raining weather at 8
4	1	"	"	"		P.M. very heavy squall from
5	2		"	"		the S E in fore Part
6	Have to head to the		S W			at 8 do wind moderated
7			wind from the S E			down & hauling Westerly
8	Have to head to the		Eastward			we are ship head to the
9			Eastward			Eastward
10						Middle Part strong Gale
11						with bad sea at 2 P.M.
12						at fore sail & Top Sail
1						
2	2		S E West			Outer Part fresh Gale
3	4	"	"	"		with very bad sea running
4	4	"	"	"		
5	5		"	"		
6	5		"	N N W		Lat 66 th 30 th 04 th S
7	5		"	"		Long 142 nd 07 th W
8	5		"	"		
9	5		"	"		
10	5	$\frac{1}{2}$	"	"		
11	5	$\frac{1}{2}$	"	"		
12	5	$\frac{1}{2}$	"	"		

From Honolulu Towards Boston. (91)

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Monday ^{day of} December 18 63
1	8		S E	N W by E		
2	8	$\frac{1}{2}$	"	"		
3	8	$\frac{1}{2}$	"	"		
4	8	$\frac{1}{2}$	"	"		
5	8	$\frac{1}{2}$	"	"		
6	8	$\frac{1}{2}$	"	"		
7	8		"	"		
8	8		"	"		
9	8		"	"		
10	8		"	"		
11	8		"	"		
12	8		"	"		
1	8		"	"		
2	8		"	"		
3	8		"	"		
4	8		"	"		
5	8		"	"		
6	8	$\frac{1}{2}$	"	"		
7	8	$\frac{1}{2}$	"	"		
8	8	$\frac{1}{2}$	"	"		
9	8	$\frac{1}{2}$	"	"		
10	8	$\frac{1}{2}$	"	"		
11	8	$\frac{1}{2}$	"	"		
12	8	$\frac{1}{2}$	"	"		

Throughout these 24 hours
 strong gales from the
 S.W. with a very bad cross sea
 ship laboring heavily
 No Ob. This day
 Lat of PM 40° 44' S
 Long of do 139° 33' W

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Tuesday ^{day of} December 19 1863
1	8	$\frac{1}{2}$	S E by E	N W		
2	8	$\frac{1}{2}$	"	"		
3	8	$\frac{1}{2}$	"	"		
4	8	$\frac{1}{2}$	E S E	"		
5	8		"	"		
6	8	$\frac{1}{2}$	"	N W		
7	8	$\frac{1}{2}$	"	"		
8	8		"	"		
9	8		"	"		
10	8		"	"		
11	8		"	"		
12	8		"	"		
1	8		"	"		
2	8		"	"		
3	8	$\frac{1}{2}$	"	"		
4	6		"	"		
5	6		"	Mid N		
6	6		"	"		
7	6	$\frac{1}{2}$	E by S	S by N		
8	8		"	"		
9	8	$\frac{1}{2}$	"	"		
10	8		"	"		
11	8		"	"		
12	8		"	"		

Came in with fresh S.W. &
 thick raining weather at 4 P.M.
 moderating at N. by E. all night
 Middle Part thick foggy,
 weather strong breeze
 Latter Part fresh breeze at
 6 A.M. wind hauld to the
 Southward
 Ends with cloudy & foggy
 weather
 Lat Obs 42° 13' S
 Long by obs 136° 27' W
 Ship 4 days out

Barb Helen War W^m Deshon. Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
<i>Wednesday^{day} December 9th 1863</i>						
1	1	$\frac{1}{2}$	E S E South			<i>Comes in with fresh breeze from the Southward and thick foggy weather</i>
2	1	$\frac{1}{2}$	"	"		
3	1	$\frac{1}{2}$	"	"		
4	1	$\frac{1}{2}$	"	"		
5	1	$\frac{1}{2}$	"	"		
6	1	$\frac{1}{2}$	"	"		
7	1	$\frac{1}{2}$	"	"		
8	1	$\frac{1}{2}$	"	"		
9	1	$\frac{1}{2}$	"	"		
10	1	$\frac{1}{2}$	"	"		
11	1	$\frac{1}{2}$	"	"		
12	1	$\frac{1}{2}$	"	"		
1	3		S E E S S W			<i>Middle & latter part. Middle - a thick foggy weather Ends with calm & foggy Not the Oil this morning No Oil this day Lat by 43° 02' S Long do do 134° 43' W</i>
2	3		"	"		
3	3		"	"		
4	3	$\frac{1}{2}$	"	"		
5	3		"	"		
6	3		"	"		
7	3		"	"		
8	3		"	"		
9	1	$\frac{1}{2}$	"	"		
10	1		"	"		
11	1		"	"		
12			Calm	Calm		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
<i>Thursday^{day} December 10th 1863</i>						
1			Calm	Calm		<i>Comes in with Calm & foggy weather</i>
2			"	"		
3			"	"		
4			"	"		
5			"	"		
6			"	"		
7	1		S E E N N W			
8	1	$\frac{1}{2}$	"	"		
9	2		"	"		
10	3		"	"		
11	3		"	"		
12	3		"	"		
1	3		"	"		<i>Middle part Light. Wind from the N N W thick foggy and rainy weather</i>
2	3		"	"		
3	3		"	"		
4	3		"	"		
5	3		"	"		
6	3		"	"		
7	3		"	S S W		
8	1	$\frac{1}{2}$	"	"		
9	1	$\frac{1}{2}$	"	"		
10	1	$\frac{1}{2}$	"	"		
11	1	$\frac{1}{2}$	"	"		
12	1	$\frac{1}{2}$	"	"		

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From Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
						Friday day of December 11 th 1863
1	6		S E by E	S W		
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	6	"	"	"		
8	6		"	"		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	6		"	"		
1	6	$\frac{1}{2}$	"	N E by N		Through boat these 24 hours
2	6	$\frac{1}{2}$	"	"		at Makani breeze from the
3	6	$\frac{1}{2}$	"	"		S Westward & fine pleasant
4	6	$\frac{1}{2}$	"	"		weather very smooth sea all
5	6	$\frac{1}{2}$	"	"		day & night.
6	6	$\frac{1}{2}$	"	"		
7	6	$\frac{1}{2}$	"	"		
8	6	$\frac{1}{2}$	"	"		
9	6	$\frac{1}{2}$	"	"		
10	6	$\frac{1}{2}$	"	"		
11	6	$\frac{1}{2}$	"	"		
12	6	$\frac{1}{2}$	"	"		

Lat $10^{\circ} 45' 19''$ S
Long by Chron $150^{\circ} 43'$ W

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
						Saturday day of December 12 th 1863
1	11		S E by E	N E by N		
2	11		"	"		
3	11		"	"		
4	11		"	"		
5	11		"	"		
6	11		"	"		
7	11	$\frac{1}{2}$	"	"		
8	11	$\frac{1}{2}$	"	"		
9	11	$\frac{1}{2}$	"	"		
10	11	$\frac{1}{2}$	"	"		
11	11	$\frac{1}{2}$	"	"		
12	11	$\frac{1}{2}$	"	"		
1	11	$\frac{1}{2}$	"	"		
2	11	$\frac{1}{2}$	"	"		
3	11	$\frac{1}{2}$	"	"		
4	11	$\frac{1}{2}$	"	"		
5	11	$\frac{1}{2}$	"	"		
6	11	$\frac{1}{2}$	"	"		
7	11	$\frac{1}{2}$	"	"		
8	11	$\frac{1}{2}$	"	"		
9	11	$\frac{1}{2}$	"	"		
10	11	$\frac{1}{2}$	"	"		
11	11	$\frac{1}{2}$	"	"		
12	11	$\frac{1}{2}$	"	"		

Through boat these 24 hours fine
pleasant weather wind West
hauling Northerly a large
swell from the S E

Met the Girl this morning

Lat $10^{\circ} 46' 32''$ S

Long by Chron $128^{\circ} 10'$ W

Thirty Eight Days Out

Bark Helen Bar Wm Dushon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Sunday December 18 th 1863						
1	"		S E	E N E		Comes in with Moderate breeze from the Eastward and Pleasant
2	"		"	"		
3	"		"	"		
4	"		"	"		
5	"		"	"		
6	"		"	"		
7	"	$\frac{1}{4}$	"	"		
8	6		"	"		Middle Part Strong breeze in all light Sails weather Cloudy
9	6		"	"		
10	6	$\frac{1}{4}$	"	"		
11	7		"	"		
12	7		"	"		
1	7		S S E	East		Latter Part Fresh Gale at 8 A M Saily with the Top Sails and reef the Fore tier weather Cloudy & Pleasant
2	7	$\frac{1}{4}$	"	"		
3	8		"	"		
4	8		"	"		
5	8		"	"		
6	7		"	"		
7	7		"	"		
8	7		"	"		
9	6		"	"		
10	"		"	"		
11	"		"	"		
12	"		"	"		
						Lat $48^{\circ} 36' S$ Long by Chron $127^{\circ} 38' W$

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Monday December 19 th 1863						
1	4		S N E	E by S		Comes in with fresh Gale from the Eastward and foggy weather could not see the N E wind hauling Southward
2	4		"	"		
3	4		"	"		
4	4		"	"		
5	4		"	"		
6	4		"	"		
7	4		"	"		
8	4		N E by E	S E		Middle Part Strong, very bad head sea
9	3		"	"		
10	3		"	"		
11	3		"	"		
12	4	$\frac{1}{4}$	E by N	S S E		
1	2	$\frac{1}{4}$	"	"		Latter Part fine pleasant weather (breeze) very bad E by N Sea from reports set Top Gallant Sails Lat $49^{\circ} 09' S$ Long by Chron $126^{\circ} 38' W$
2	2	$\frac{1}{4}$	"	"		
3	2		"	"		
4	2		E by N	S by E		
5	2		"	"		
6	3		"	"		
7	4		"	"		
8	4		"	"		
9	4		E N E	"		
10	4		"	"		
11	4		"	"		
12	4		"	"		

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From Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Tuesday ^{day of} December 15 th 1863
1	6		E by S	S by E		
2	7		"	"		
3	7		"	"		
4	7		"	"		
5	6	"	"	"		
6	6		"	"		
7	6		"	"		
8	5	"	E by S	"		
9	5		"	"		
10	6	"	"	"		
11	6		"	"		
12	5		"	"		
1	3		"	"		
2	5		"	"		
3	5		"	"		
4	5		E by S	South		
5	5		"	"		
6	5		"	"		
7	6		"	"		
8	6		"	"		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	6		"	"		

Throughout these 24 hours
Moderate baffling winds
& pleasant weather very
large swell from the Eastward

Lat $15^{\circ}49'52''$ S.
Long by Cross $155^{\circ}20'$ W

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Wednesday ^{day of} December 16 th 1863
1	6		E by S	S by W		
2	7		"	"		
3	7	"	"	"		
4	7		"	"		
5	5		"	"		
6	5		"	"		
7	5		"	"		
8	9		"	"		
9	9		"	S by W		
10	9	"	"	"		
11	10	"	"	"		
12	9	"	"	"		
1	9	"	"	"		
2	9	"	"	"		
3	9	"	"	"		
4	9		"	"		
5	9		"	South		
6	8	"	"	"		
7	8	"	"	"		
8	8		"	"		
9	8		"	"		
10	7	"	"	"		
11	7	"	"	"		
12	7		"	"		

Came in with fresh breeze
from the Southward and
pleasant fine weather.

See

Middle Part fresh breeze and
Squally in light Sails
at 3 P.M. set the Top Sails

Latter Part More Moderate at
5 P.M. saw a Scurvy about
8 miles to windward (South)
Thermometer about 40°
Met the Oil this Morning

Lat $16^{\circ}51'14''$ S.
Long by Cross $159^{\circ}34'$ W.
Forty two days out

Barth. Helen. Capt. W. D. Dushon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Thursday ^{day} December 18 th 1863
1	6		E by S	S by W		Came in with Moderate breeze
2	6		"	"		breeze & fine weather
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		Ice
7	11		"	"		
8	11		"	"		
9	11		"	"		
10	11		"	"		Middle Part light breeze
11	11		"	"		and Cloudy
12	11		"	"		at 1 P.M. in sight of
1	11		"	"		several Ice bergs
2	11		"	"		
3	11		"	"		
4	3		"	"		
5	3		"	S by W		
6	3		"	"		Later Part light breeze
7	3		E by S	"		& Phoson & has passed in
8	3		"	"		sight of nine bergs very large
9	3		"	"		Lat 66° 52' 01" S
10	3		"	N by W		Long 116° 33' W
11	3		"	"		
12	3		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Friday ^{day} December 19 th 1863
1	8		East	N by W		Came in with Moderate breeze
2	6		"	"		from the Westward and Pleasant
3	6		"	"		a large number of Ice Islands
4	6		"	"		in sight.
5	7		"	"		
6	7		"	"		Ice
7	7		"	"		
8	7		"	"		
9	7		"	"		Middle Part fresh breeze and
10	7		"	"		Cloudy in light sails at
11	7		"	"		12 Midnight. On the West the
12	7		"	"		Top sails & hauled the sail up
1	11		"	"		until day light at 8 A.M.
2	11		"	"		set the Fore sail thick
3	11	$\frac{1}{2}$	"	"		hazy weather.
4	6		"	"		
5	6	$\frac{1}{2}$	"	"		Later Part thick weather all
6	6	$\frac{1}{2}$	"	"		round sail set has passed
7	7		"	"		a large number of very large
8	7		"	"		Islands of Ice from the North
9	7		"	"		ward to Southward of us
10	7		"	"		No Ice this Day
11	7		E by N	"		Lat by Act 52° 32' S
12	7		"	"		Long do 112° 21' W

From Honolulu Towards Boston

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H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
Saturday day of December 19 th 1863						
1	7	$\frac{1}{2}$	E by N	N W		Comes in with strong breeze & thick weather sea on deck this afternoon at 6 P.M. close by the top sail & in fore sail at 8 in fore sail & leave ship in with the top sail & top stay sail strong gale very thick weather
2	8		"	"		
3	8		"	"		
4	8		"	"		
5	7	$\frac{1}{2}$	"	"		
6	7		"	"		
7	6		"	"		
8	5		"	"		
9	/		N E by N to N E by E	Wind N W		Middle part strong S.W. weather very thick bad sea running
10	/		"	"		Ice Later part wind moderating weather still very thick at 11 P.M. chased up a little larger & thick clouds close too at 12 Noon set top sail fore sail & main sail & on reef out of each kept ship of her course No Ob This Day Lat in $52^{\circ} 42'$ S Long do $110^{\circ} 10'$ W
11	/		"	"		
12	/		"	"		
1	/		"	"		
2	/		"	"		
3	/		"	"		
4	$\frac{3}{4}$		"	"		
5	$\frac{3}{4}$		"	"		
6	$\frac{1}{2}$		N E to N E by E	Wind N W		
7	$\frac{1}{2}$		"	"		
8	$\frac{1}{2}$		"	"		
9	$\frac{1}{2}$		"	"		
10	$\frac{1}{2}$		"	"		
11	$\frac{1}{2}$		"	"		
12	$\frac{1}{2}$		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
Sunday day of December 20 th 1863						
1	4	$\frac{1}{2}$	E by N	N W		Comes in with moderate Gale from the N W and cloudy weather several ice bergs in sight the last we saw of the ice 6 P.M. at 8 P.M. took the No 7 St. Lawrence in at 9 do brought the ship by the wind with the top sail & the mast Middle part Squally & foggy haze for day light at 3 P.M. wind increasing weather very thick close reefed the top sails large sea running. Later part weather more clear at 8 P.M. kept of li. course & set fore sail & end with heavy squally weather had sun no ice since 6 P.M. No Ob This Day Lat in $53^{\circ} 00'$ S Long " $108^{\circ} 55'$ W Forty six days out
2	4	$\frac{1}{2}$	"	"		
3	4	$\frac{1}{2}$	"	"		
4	4	$\frac{1}{2}$	"	"		
5	5	$\frac{1}{2}$	"	N N W		
6	6	$\frac{1}{2}$	East	"		
7	6	$\frac{1}{2}$	"	"		
8	7		"	N W		
9	6		"	"		
10	No top sail till the mast untill 3 P.M. heading			"		
11	N E			"		
12	"			"		
1	"			"		
2	"			"		
3	"			"		
4	2		N by E	N N W		
5	2		"	"		
6	2		"	"		
7	2		"	"		
8	2		"	"		
9	6	$\frac{1}{2}$	East	"		
10	8		"	"		
11	9		"	"		
12	7	$\frac{1}{2}$	"	"		

Barb Helen War W. Deshon. Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	S		East	W by N		Monday ^{day} December 21 st 1863 Comes in with fresh Gale from the Westward thick weather no see in sight at 8 P.M. we are getting very thick took in 1 st top sail & fore sail and hoave 2 nd top to head with the Northward Gale increasing
2	S		"	"		
3	S		"	"		
4	S		"	"		
5	S		"	"		
6	S		"	"		
7	S		"	"		
8	S		"	"		
9	/	$\frac{1}{2}$	N by W to N by N	W by N		
10	/					Middle Part Strong Gale with high sea very heavy Squalls at 8.30 A.M. Ship off to Course East set Fore sail & 1 st top sail
11	/					
12	/		"	"		
1	/		"	"		
2	/		"	"		
3	/		"	"		
4	/		"	"		
5	S		East	"		
6	S	$\frac{1}{2}$	"	"		Latter Part More Moderate at one o'clock top sails & set 1 st top Ballun & sails Lat 06° 34' 27" S. Long 68° 30' W
7	S		"	"		
8	S		"	"		
9	S		"	"		
10	S	$\frac{1}{2}$	"	"		
11	S		"	"		
12	S	$\frac{1}{2}$	"	S by W		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	S	"	E by N	W by W		Tuesday ^{day} December 22 nd 1863 Comes in with fresh breezes from the Westward cloudy at 8 P.M. Passed an Ice Berg very little above water of a large surface
2	S		"	"		
3	S		"	"		
4	S	$\frac{1}{2}$	"	"		
5	S		N by E	"		
6	S			"		
7	S	$\frac{1}{2}$		"		
8	S		"	"		Middle Part fresh breezes and squalls going under easy sail whilst dark at 4 A.M. all Prudent sail set Ice
9	S		"	"		
10	S		"	"		
11	S		"	"		
12	S	$\frac{1}{2}$	"	"		
1	S		"	"		
2	S	$\frac{1}{2}$	E by N	"		
3	S			"		Latter Part Moderate breezes and fine weather all day Lat 06° 34' 27" S Long 68° 30' W
4	S			"		
5	S	$\frac{1}{2}$	"	"		
6	S		"	"		
7	S		"	"		
8	S		"	"		
9	S		E by N	"		
10	S			"		
11	S			"		
12	S		"	"		

From Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Wednesday ^{day of} December 23 rd 1863
1	7		E N E & E	N N W		Comes in with fresh breezes
2	7		"	"		and fine shoon weather
3	7		"	"		Bent New Fore Sail
4	7		"	"		
5	7		"	"		
6	7		"	"		
7	6		"	"		
8	6		"	"		
9	5	$\frac{1}{2}$	"	"		
10	5		"	"		Middle Part Moderate
11	5	$\frac{1}{2}$	"	"		and Clouds
12	4	$\frac{1}{2}$	"	"		
1	4		"	"		
2	4		"	"		
3	4		"	"		
4	3	$\frac{1}{2}$	"	"		Latter Part light baffling
5	3		"	"		and bent fore sail
6	2		"	"		
7	2		"	"		
8	1	$\frac{1}{2}$	"	"		Lat 06° 54' 42" S
9	1		"	"		Long 166° 03' W
10	1		"	"		
11	1		"	"		
12	1		"	"		

57102/3

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Thursday ^{day of} December 24 th 1863
1	1		E N E & E	N N W		Comes in with light breeze
2	1	$\frac{1}{2}$	"	"		from the Northward and
3	2		"	"		Pleasant large swell from
4	2	$\frac{1}{2}$	"	"		the S E
5	3		"	North		
6	3		"	"		
7	3		"	"		
8	4		"	"		Middle Part fine breeze and
9	6		"	"		overcast weather in light sails
10	7		"	"		& N N thick squally weather
11	7		"	N by E		Double Bree the fore sail
12	5		"	"		
1	5	$\frac{1}{2}$	"	"		
2	7		"	"		
3	9	$\frac{1}{2}$	"	"		
4	7		E by N	"		Latter Part Strong Breeze
5	7		"	"		& thick foggy weather
6	7		"	"		
7	6		"	"		No Ob this Day
8	6		"	"		
9	6		E N E	N N W		
10	6		"	"		Sixty Days Out
11	6		"	"		
12	6		"	"		

Barb Helen bar Wm Deshon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Friday December 21 st 1863						
1	5	$\frac{1}{2}$	E N E	N N W		Comes in with fresh breeze and thick weather at 3 P M cleared up for two or three hours
2	5	$\frac{1}{2}$	"	"		
3	5	$\frac{1}{2}$	"	"		
4	5	$\frac{1}{2}$	"	"		
5	5	$\frac{1}{2}$	"	"		Middle Part strong breeze and thick foggy weather
6	6	$\frac{1}{2}$	"	"		
7	6	$\frac{1}{2}$	"	"		
8	7	$\frac{1}{2}$	"	"		
9	8	$\frac{1}{2}$	"	"		Latter Part thick thick foggy & rainy weather No Ob this day
10	9		"	"		
11	10		"	"		
12	10		"	"		
1	9		"	"		Latitude 51° 08' S Longitude 86° 25' W
2	9		"	"		
3	9		"	"		
4	9		"	"		
5	9		"	"		
6	9		"	"		
7	9		"	"		
8	9		"	"		
9	9		"	"		
10	9		"	"		
11	9		"	"		
12	9		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Saturday December 21 st 1863						
1	8	$\frac{1}{2}$	E by N	N N		Comes in with strong breeze from the N N thick weather
2	8	$\frac{1}{2}$	"	"		
3	8	$\frac{1}{2}$	"	"		
4	8	$\frac{1}{2}$	"	"		
5	8	$\frac{1}{2}$	"	"		Middle Part Fresh Breeze thick foggy weather large sea
6	8	$\frac{1}{2}$	"	"		
7	8	$\frac{1}{2}$	"	"		
8	8	$\frac{1}{2}$	"	"		
9	9		E by N	N N		Latter Part Moderate Breeze with high sea clear pleasant weather
10	9		"	"		
11	10		"	"		
12	10		"	"		
1	10		"	"		Weather not so table & take watch off & wet sail
2	9	$\frac{1}{2}$	"	"		
3	9		"	"		
4	9		"	"		
5	9		"	"		Latitude 56° 36' S Longitude 81° 09' W
6	9		"	"		
7	9		"	"		
8	8	$\frac{1}{2}$	"	"		
9	8	$\frac{1}{2}$	"	"		
10	8	$\frac{1}{2}$	"	"		
11	8	$\frac{1}{2}$	"	"		
12	8	$\frac{1}{2}$	"	"		

From Honolulu Towards Boston

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H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Sunday ^{day of} December 27 th 1863						
1	9		E N E	N N W		Comes in with fresh Sails and thick weather & P.M. in Top Sallant Sails Sails increasing at 8 do close reef the Top Sails & reef the Main Sails
2	9		"	"		
3	9		"	"		
4	9		"	"		
5	9	$\frac{1}{2}$	"	N W		
6	9	$\frac{1}{2}$	"	"		
7	9	$\frac{1}{2}$	"	"		
8	9		"	"		
9	7		N E by E N E	N N W		Middle Part Strong Sails thick foggy & rainy weather in forenoon
10	5		"	"		
11	4	$\frac{1}{2}$	"	"		
12	4		"	"		
1	2		"	"		Backs Helen Man New Bedford
2	2		"	"		
3	2		"	"		
4	5		"	N N W		
5	6		"	"		Latter Part More Moderate but some squalls & strong gusts Top Sails set at 10 Top Sallant Sails reefed & some sail set so wind more westerly
6	7	$\frac{1}{2}$	"	"		
7	7		"	"		
8	8		"	"		
9	8		"	"		
10	8		"	"		
11	8		"	"		
12	8		"	"		
						Lat 36° 54' 58" South Long 156° 18' West

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Monday ^{day of} December 28 th 1863						
1	8		N E by E	N N W		Comes in with fresh breeze and cloudy & P.M. thick foggy weather wind increasing to a strong Sails in Top Sallant Sails at 8 P.M. close reef Top Sails furled Main Sails
2	8		"	"		
3	8		"	"		
4	8		"	"		
5	8		"	"		
6	8		"	"		
7	9		"	"		
8	7		"	"		
9	8		"	"		Middle Part Strong Sails with heavy sea at 3 P.M. wind moderating & clearing up making sails required
10	8		"	"		
11	8		"	"		
12	8		"	"		
1	8		"	"		Latter Part Clear & pleasant weather all drawing sail set
2	8		"	"		
3	7	$\frac{1}{2}$	"	"		
4	7	$\frac{1}{2}$	"	"		
5	7	$\frac{1}{2}$	"	"		Lat 36° 45' S Long 156° 10' W Fifty four Days Out
6	7	$\frac{1}{2}$	"	N W		
7	7	$\frac{1}{2}$	"	"		
8	7	$\frac{1}{2}$	"	"		
9	7	$\frac{1}{2}$	N E by E	"		Mary Elizabeth
10	6	$\frac{1}{2}$	"	"		
11	6	$\frac{1}{2}$	"	"		
12	8	$\frac{1}{2}$	"	"		

Barb Helen War W^m Deshon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Tuesday December 29 th 1863						
1	6		E N E N N West			Comes in with Moderate breezes
2	5		"	"		from the N W hauling Northwardly
3	5	$\frac{1}{2}$	"	"		all drawing sail at 1
4	5		"	"		6 P M thick foggy weather
5	4		"	"		8 de in light sails
6	4		"	"		
7	2		"	"		
8	2		"	"		
9	1		E N E North			Middle Part Calm and
10	1		"	"		thick foggy weather
11	1		"	"		
12	1		"	"		
1	1		"	"		
2	1		"	"		
3	1		"	"		
4	1		"	"		
5	2		"	"		Latter Part thick foggy
6	3		"	"		weather 2 P M light sails
7	4		N E E N N W			contin'g weatherly 3:30 de
8	4		"	"		made the Diego Ramirez.
9	4		"	"		Ends with fine Pleasant
10	5		"	West		weather Moderate breezes from
11	5	$\frac{1}{2}$	"	"		the Westward
12	6		"	"		Lat $06^{\circ} 56' 33''$ S
						Long by $066^{\circ} 58' 11''$ W

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Wednesday December 30 th 1863						
1	5		N E E West			Comes in with fine Pleasant
2	5		"	"		weather wind Westerly 6 P M
3	5		"	"		wind contin'g Northwardly thick
4	6		"	"		rainy weather
5	4		"	"		2:30 P M sighted Cape Horn
6	4		"	"		
7	3		"	N W		
8	3		"	"		
9	5		N E	"		Middle Part Moderate
10	5		"	"		at 10:30 P M wind hauled
11	7		"	N W		in the N W squally
12	8		"	"		
1	10		"	"		
2	11		"	"		
3	8		"	"		
4	6		"	"		Latter Part fresh breezes and
5	6		"	"		fine weather all drawing sail
6	6		"	"		let the Oil this morning
7	6		"	"		
8	6		N E N	"		Lat $06^{\circ} 55' 20''$ S
9	6	$\frac{1}{2}$	"	"		Long by $066^{\circ} 36''$ W
10	7		"	"		
11	7		"	"		
12	6	$\frac{1}{2}$	"	"		

From Honolulu Towards Boston							[103]	
H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Thursday day of December 31 st 1863	
1	7		N E ½ N	S W		Comes in with fine Pleasant weather all day sailing		
2	7		"	"				
3	8		"	"				
4	8		"	"				
5	8		"	"				
6	7		"	"				
7	6		"	"				
8	6		"	"				
9	6		N E	"		Middle Part Moderate breezes & thick raining weather		
10	6		"	"				
11	6		"	"				
12	6		"	"				
1	11		"	"				
2	11		"	"				
3	11		"	"				
4	11		"	"				
5	11		"	"		Latter Part Clear & Pleasant wind Moderate		
6	11		"	"				
7	11		N E ½ N	"				
8	11		"	"				
9	6		"	"		Lat 16° 54' 06" S Longy 156° 39' W		
10	6		"	"				
11	6		"	"				
12	6		"	"				

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Friday day of January 1 st 1864	
1	6		N E ½ N	S W		Comes in with fine Pleasant weather wind from the S W Passing clouds		
2	6		"	"				
3	6		"	"				
4	6		"	"				
5	6		"	"				
6	6		"	"				
7	6		"	"				
8	6		"	"				
9	6		"	"		Middle Part Moderate and Cloudy with light rain squalls		
10	6		"	"				
11	6		"	"				
12	6		"	"				
1	6		"	"				
2	6		"	"				
3	6		"	"				
4	11		"	"				
5	11		"	"		Latter Part Moderate breezes from the S W Passing squalls of rain all day		
6	11		"	"				
7	11		"	"				
8	11		"	S E ½ W				
9	6		"	"		Lat 16° 32' 32" S Longy 157° 06' W Fifty eight fags out		
10	6		"	"				
11	6		"	"				
12	6		"	"				

Bark Helen Bar W^m Deshon. Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS
						Saturday ^{day} January 2 nd 1864
1	7		N E by N	S S E		Comes in with fine Pleasant
2	7		"	"		weather all day
3	7		"	"		Passed a large double top sail ship
4	7		"	"		standing in towards the Falkland
5	7		"	"		(Port William)
6	7		"	"		
7	8		"	"		
8	8	$\frac{1}{2}$	"	"		
9	9		"	S East		Middle Part Strong breeze squally
10	10	$\frac{1}{2}$	"	"		in light sails
11	12		"	"		
12	10		"	"		
1	9		"	"		
2	8	$\frac{1}{2}$	"	"		
3	8	$\frac{1}{2}$	"	"		
4	8	$\frac{1}{2}$	"	"		
5	9		"	"		Latter Part Strong breeze and
6	9		"	"		cloudy Ends with fresh breeze
7	9		"	"		Popping Clouds
8	9		"	"		
9	9		"	"		Lat 06° 50' 12" S
10	9		"	"		
11	8	$\frac{1}{2}$	"	South		Long by 115° 3' 32" W
12	8	$\frac{1}{2}$	"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday ^{day of} January 3 rd 1864
1	7		N E by N	S S W		Comes in with fine Pleasant
2	7		"	"		weather wind hauled in the W
3	7		"	"		
4	6		"	"		
5	11		"	"		
6	11		"	S W		
7	11		"	"		
8	11		"	"		
9	6		N E by N	"		Middle Part Moderate breeze
10	6	$\frac{1}{2}$	"	"		
11	7	$\frac{1}{2}$	"	"		
12	8		"	"		
1	9		"	"		
2	9		"	"		
3	9	$\frac{1}{2}$	"	"		
4	9		"	"		Latter Part Moderate Pleasant
5	7		"	"		
6	7		"	"		
7	7		"	"		Lat 06° 48' 03" S
8	7		"	"		
9	6		"	"		Long by 115° 50' 22" W
10	6		"	"		
11	6		"	"		
12	6		"	"		

From Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.
1	6		N E	S W		Monday day of January 4 th 1867
2	6		"	"		Comes in with fine Phosant
3	6		"	"		weather Moderate breeze from
4	6		"	"		the S West
5	6		"	"		
6	6		"	"		
7	6		"	"		
8	6		"	"		
9	6	$\frac{1}{2}$	"	"		Middle Part Moderate breeze
10	7		"	"		with passing Squall rain
11	7		"	"		at 11 PM passed through a
12	7		"	"		sheet of White water apparently
1	7		"	"		a shoal or a sudden ice berg
2	7		"	"		
3	7		"	"		
4	7		"	"		
5	7	$\frac{1}{2}$	"	"		Latter Part fresh breeze and
6	8		"	"		fine Phosant weather
7	8		"	"		Met the Cis this morning
8	9	0	"	"		Lat 46° 23' S
9	9		"	"		
10	9		"	"		Long by Cross 46° 45' W
11	9		"	"		
12	9		N E $\frac{1}{2}$ N	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	9		N Ely N	S W		Tuesday day of January 5 th 1863 ¹⁸ Comes in with fresh breezes from the S W fine Pleasant weather all drawing Sail Set
2	9	$\frac{1}{1}$	"	"		
3	9	$\frac{1}{1}$	"	"		
4	5	$\frac{1}{1}$	"	"		
5	5		"	"		
6	5		"	"		
7	3	$\frac{1}{1}$	"	"		
8	3	$\frac{1}{1}$	"	"		
9	3		"	"		Middle Part Moderate & Squally,
10	3		"	"		
11	3		"	"		
12	3		"	"		
1	6		"	"		
2	6		"	"		
3	11	$\frac{1}{1}$	"	"		
4	11	$\frac{1}{1}$	"	"		Latter Part fine pleasant weather Moderate breeze very smooth Sea all Sail Set
5	11	$\frac{1}{1}$	"	"		
6	6		"	"		
7	6		"	"		
8	6		"	"		Lat 44° 25' S
9	6		"	"		Long 66° 44' 35" W
10	6		"	"		
11	6		"	"		
12	6		"	"		Sixty Two Days out

Bark Helen Mar W. Dehon Master

Wednesday Jan 31st 1864

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	6		N E by N	W 121		Comes in with Moderate breezes from the Westward and Pleasant at 4 P.M. wind hauled to the N.W.
2	6		"	"		
3	6		"	"		
4	6		N East	N N W		
5	6		"	"		Middle Part thick rain weather with fresh breezes in the light sails
6	6	$\frac{1}{2}$	"	"		
7	6	$\frac{1}{2}$	"	"		
8	6	$\frac{1}{2}$	"	"		
9	7		"	"		Latter Part Moderate with Light Sails not being well used I am obliged to lay up for a few days
10	8	$\frac{1}{2}$	N E by N	N West		
11	8	$\frac{1}{2}$	"	"		
12	7	$\frac{1}{2}$	"	"		
1	7		N E by N	N N W		Lat by D 42° 38' S Long do 42° 00' W
2	7		"	"		
3	6	$\frac{1}{2}$	"	"		
4	6	$\frac{1}{2}$	"	"		
5	6	$\frac{1}{2}$	"	"		
6	6	$\frac{1}{2}$	"	"		
7	11	$\frac{1}{2}$	"	"		
8	11	$\frac{1}{2}$	"	"		
9	6	$\frac{1}{2}$	"	"		
10	6	$\frac{1}{2}$	"	"		
11	7		"	"		
12	7		"	"		

Thursday day of Jan 31st 1864

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	7		E N E	North		Comes in with light breezes from the Northward; hazy weather
2	7		"	"		
3	3		"	"		
4	3		"	"		
5	8		E by N N	N by E		Middle & Latter Part fresh breezes and passing clouds in P.M. Top sail flying & 1st & 2nd Bottom sail
6	3		"	"		
7	7		"	"		
8	7		"	"		
9	7		"	"		I am still unable to do due to
10	7		"	"		
11	3		"	"		
12	3		"	"		
1	3		"	"		Lat by D 42° 08' S Long by D 39° 04' W
2	3		"	"		
3	7		"	"		
4	7		"	"		
5	7		"	"		
6	7		"	"		
7	7		"	"		
8	7		"	"		
9	7		"	"		
10	7		"	"		
11	7		"	"		
12	7		"	"		

From Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Friday day of January 8 th 1864
1	3		N N W	N East		Came in with Light breeze from the N E head sea
2	3		"	"		
3	3		"	"		
4	3		"	"		
5	3		North	E N E		Middle Part wind from the Eastward & hauled to the S W increasing Cloudy
6	3		"	"		
7	4		"	"		
8	4		"	"		
9	4		N E by N	E East		(I am still unable to do duty)
10	4		"	"		
11	5		"	"		
12	5		"	"		
1	5		"	"		Latter Part Moderate & Clear Pleasant weather
2	5		"	S East		
3	6		"	"		
4	6		"	"		
5	6		"	"		Lat 40° 32' S Long by bar 30° 00' W
6	6		"	South		
7	6		"	"		
8	7		"	"		
9	7		"	"		
10	7		"	"		
11	6		"	S S W		
12	6		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Saturday day of January 9 th 1864
1	6		N E by N	N S W		Came in with Moderate breeze from the Westward & Pleasant
2	6		"	"		
3	6		"	"		
4	7		"	"		
5	7		"	N S W		Middle & Latter Part Light breeze & fine Pleasant weather Not the Oil this Morning
6	7		"	"		
7	7		"	"		
8	7		"	"		
9	7		"	"		Lat 38° 15' S Long by bar 36° 24' W
10	7		"	N N W		
11	7		"	"		
12	7		"	"		
1	6		"	"		I am still unable to do duty
2	6		"	"		
3	6		"	"		
4	6		"	N W by W		
5	6		"	"		Sixty four Days Out (64)
6	6		"	"		
7	6		"	"		
8	6		"	N West		
9	5		"	"		
10	5		"	"		
11	5		"	"		
12	5		"	"		

Bark Helen Car W. D. Dishon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	2		N N E 1/2 E	Variable		Sunday ^{day} January 10 th 1867 Comes in with light & baffling winds & fine pleasant weather
2	2		"	"		
3	2		"	"		
4	2		"	"		
5	2		"	"		
6	2		"	"		
7	3		N E	N N W		Middle & latter parts baffling fine & fine pleasant weather I am still unable to do duty
8	3		"	"		
9	3		"	"		
10	3		East	N N E		
11	2		"	"		
12	2		"	"		
1	2		"	"		
2	2		"	"		
3	2		"	"		
4	2		"	"		
5	2		"	"		
6	2		North	E N E		
7	2		"	"		
8	2		"	"		
9	2		"	"		
10	2		N N E 1/2 E	East		
11	1		"	"		
12	1		"	"		

Lat 37° 46' S
Long by bar 85° 45' W

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	3		N by E	Variable		Monday ^{day of} January 11 th 1867
2	3		"	"		
3	3		"	"		
4	3		"	"		
5	3		North	"		
6	3		"	"		
7	2		"	"		
8	2		N by N	"		
9	2		"	"		
10	2		"	"		
11	2		"	"		
12	2		E N E	North		
1	2		"	"		This Day Light Variable winds and calm I am still unable to do duty on deck
2	2		"	"		
3	3		"	"		
4	4		"	"		
5	4		"	"		
6	4		"	"		
7	4		E by N	N by E		
8	4		"	"		
9	4		"	"		
10	4		"	"		
11	4		"	"		
12	4		"	"		

Lat 37° 15' S
Long by bar 85° 00' W

From Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	1		N E by E	N by W		Tuesday day of January 12 th 1864 Comes in with Moderate breeze from the Northward and fine pleasant weather
2	1		"	"		
3	1		"	"		
4	1		"	"		
5	6		N E by N	N W by N		Middle Part Moderate and Cloudy
6	6		"	"		
7	6		"	"		
8	6		"	"		
9	6		N N E	N West		Latter Part fresh breeze & thick overcast & sea a bit No Ob this day,
10	6		"	"		
11	6		"	"		
12	6		"	"		
1	6		"	"		I am still unable to do duty
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	6		"	"		
8	6		E N E	North		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	6		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	7		E N E	North		Wednesday day of January 13 th 1864 Comes in with fresh breeze from the North & foggy with heavy rain At 8:30 AM took up sail to South by East. Top sails reef Can also furl'd fore & spanker At 8:30 AM ship being under Canth reef top sails reef fore sail & top mast stay sail with Main sail hauled up. A heavy squall struck the ship drawing the fore brace back from the keel carrying away the fore yard & fore top also part Main top sail shut part Main top & starboard Main brace & all the gear of the Main sail the Main top sail & Main sail interchly blew to pieces Middle Part strong breeze hauling to the West with bad sea
2	7		East	N N E		
3	6		"	"		
4	4		"	"		
5	4		"	"		Latter Part fresh breeze from the Westward Set down fore yard bent Main top sail and Main sail ends with clear pleasant weather Set Ob 88° 00' S Long by bar 31° 45' W I am still unable to be on deck to do duty
6	3		"	"		
7	1		W N E	East		
8	1		"	"		
9	1		"	"		
10	1		"	"		
11	1		"	"		
12	1		"	"		
1	1		W N W	N N E		
2	1		"	"		
3	1		"	"		
4	1		"	"		
5	1		"	"		
6	1		"	"		
7	1		"	"		
8	1		"	"		
9	4		N N E	West		
10	4		"	"		
11	6		"	"		
12	6		"	"		

Seventy days Out

Bartholemew Master W. Deshon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	6		N N E	N N W		Thursday day January 14 th 1864 Comes in with the North-east breeze and confused sea
2	6		"	"		
3	11		"	"		
4	11		"	"		
5	11		"	"		
6	11		"	"		
7	11		"	"		
8	11		"	"		
9	11		"	"		
10	11		"	"		
11	11		"	"		
12	11		"	"		Middle & Latter Parts Light fresher calm I am still unable to do duty
1	11		"	"		Lat 01° 33' 14" S
2	11		"	"		Long 68° 31' 00" W
3	11		"	"		
4	11		"	"		
5	11		"	"		
6	11		"	"		
7	11		"	"		
8	11		"	"		
9	11		"	"		
10	11		"	"		
11	11		"	"		
12	11		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	11		North	West		Friday day of January 15 th 1864 Comes in with the Light breeze from the West very clear pleasant weather a confused sea ship rolling & sails slatting badly
2	11		"	"		
3	11		"	"		
4	11		"	"		
5	11		"	"		
6	11		"	"		
7	11		"	"		
8	11		"	"		
9	11		"	"		
10	11		"	"		
11	11		"	"		
12	11		"	"		Middle & Latter Parts light breeze from the West N N W from the West
1	11		"	"		Not the best this morning I am still unable to do duty
2	11		"	"		Lat 01° 32' 26" S
3	11		"	"		Long 68° 01' 20" W
4	11		"	"		
5	11		"	"		
6	11		"	"		
7	11		"	"		
8	11		"	"		
9	11		"	"		
10	11		"	"		
11	11		N N E	N N W		
12	11		"	"		

From Honolulu Towards Boston

(111)

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
	3		N ^h E	Variable		Saturday day of January 16 th 1864
1	3		"			
2	3		"			
3	3		"			
4	3		"			
5	2		"			
6	2		N ^h E			
7	2		"			Throng had this day light
8	2		"			Variable Am
9	2		"			I am still unable to do duty
10	2		N ^h E			Sat. Some good up but sails
11	2		"			
12	2		"			
1	2		"			
2	2		"			Lat 20° 00' S
3	3		"			Long do 30° 45' W
4	3		"			
5	3		N ^h E			
6	4		"			Bark in company starting as per Log
7	4		"			
8	4		"			
9	4		"			
10	4		"			
11	4		"			
12	4		"			

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
	4		N ^h E	SSE		Sunday day of January 17 th 1864
1	4		"	"		Come in with light breeze
2	4		"	"		from the SSE & overcast weather
3	4		"	"		
4	4		"	"		
5	4		"	"		
6	4		N ^h E	"		
7	4		"	"		
8	4		"	"		Middle part fine & breeze & rain
9	4		"	"		in forenoon & sails & double
10	4		"	"		with the fore sails
11	4		"	"		
12	4		"	"		
1	4		"	"		
2	4		"	"		
3	4		"	"		Later part strong breeze heavy
4	4		"	"		rain at 10 AM wind falling
5	4		"	"		all around the compass
6	4		"	"		ends with thick rainy weather
7	4		"	"		I am still unable to be on duty
8	4		"	"		
9	4		"	"		Lat 19° 28' S
10	4		"	"		Long do 30° 30' W
11	4		"	"		Seventy Four Days Out
12	4		"	"		

wind baffling all around the compass

Bark Helen Bar Wm Deshon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	2		N N W	Variable		Monday day January 18 th 1867 Comes in with N. Shrook Variable winds & Overcast Cloudy weather let two reefs out
2	2		"	"		
3	2		"	"		
4	2		"	"		
5	3		"	"		
6	3		"	"		
7	3		N by W	"		
8	3		"	"		
9	3		"	"		
10	3		"	"		
11	4		"	"		Middle & Latter Part Moderate & Cloudy all the day Sail set I am still unable to be on duty
12	4		"	"		
1	6		N by E	East		
2	7		"	"		
3	7		"	"		Lat 06° 29' 15" S Long by Chron 30° 50' W
4	7		"	"		
5	7		"	SSE		
6	8		"	"		
7	8		"	"		
8	8		"	"		
9	7		"	"		
10	7		"	"		
11	7		"	"		
12	7		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	7		N N E	South		Tuesday day of January 19 th 1867 Comes in with Moderate breezes & Clear Pleasant weather
2	7		"	"		
3	7		"	"		
4	7		"	"		
5	7		"	"		
6	7		"	"		
7	6		"	"		
8	6		"	"		
9	6		"	"		Middle Part Moderate with Sight Squalls of rain
10	6		"	"		
11	6		"	"		
12	6		"	"		
1	6		"	"		
2	6		"	"		
3	6		"	"		
4	6		"	S East		
5	6		"	"		
6	4		"	"		Latter Part Light Breezes & Pleasant Dark in Compensating as for day I am still unable to be on duty
7	4		"	"		
8	4		"	"		Lat 06° 25' 13" S Long Chron 30° 45' W
9	3		N by N	"		
10	2		"	"		
11	2		"	"		
12	2		"	"		

From Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	1864
						Wednesday	January 20 th	
1	2		N E by N	E by S		Came in with light breeze		
2	2		"	"		& clear pleasant weather		
3	2		"	"		at 8 P.M. tacked to the		
4	3		"	"		Eastward		
5	4		North	E N E				
6	5		"	"				
7	6		"	"				
8	6		N N W	N N E				
9	6		E by S	"		Middle part Moderate breeze		
10	8		"	"		& squally		
11	11		"	"				
12	11		E by N	N E E				
1	11		"	"				
2	11		"	"				
3	11		"	"		Latter part Moderate breeze		
4	11		"	"		& clear pleasant weather		
5	4		E by S	N N E		at 11.30 A.M. tacked head to the Northward		
6	4		"	"		I am still unable to do duty		
7	4		"	"				
8	4		"	"		Lat $0^{\circ} 24' 52''$ S		
9	11		"	"				
10	11		"	"		Long by Cross $29^{\circ} 45'$ W		
11	11		"	"		Met the "Id" this morning		
12	11		"	"				

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	1864
						Thursday	January 21 st	
1	4		N by N	N E by N				
2	4		"	"				
3	4		"	"				
4	4		"	"				
5	4		"	"				
6	8		"	"				
7	8		"	"				
8	8		"	"				
9	4		"	"		Throughout these 24 hours		
10	4		"	"		Light breeze from the North		
11	4		"	"		& Eastward fine pleasant weather		
12	11		"	"		I am still unable to do duty		
1	11		"	"				
2	11		"	"				
3	11		"	"				
4	11		"	"		Lat $0^{\circ} 28' 36''$ S		
5	11		"	"				
6	4		"	"		Long by Cross $30^{\circ} 45'$ W		
7	4		"	"				
8	4		"	"				
9	4		"	"				
10	8		"	"		Seventy Eight Days out		
11	8		"	"				
12	0		"	"				

Bark Helen War M^{rs} Deshon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Friday ^{day} January 23 rd 1864
1	3		N Wgt	N E by N		
2	3		"	"		
3	3		"	"		
4	3		"	"		
5	3		"	"		
6	3		"	"		
7	3		"	"		
8	4		"	"		
9	4		"	"		
10	4		"	"		
11	4		"	"		Throughout these 24 hours light breeze and fine pleasant weather I am still unable to do duty
12	4		"	"		
1	4		"	"		
2	4		"	"		
3	4		"	"		
4	4		"	"		
5	3		"	"		Lat 01° 21' 38" S
6	3		"	"		Long by Chron 81° 46' W
7	3		"	"		
8	3		"	"		
9	3		E by N	N by E		
10	4		"	"		
11	4		"	"		
12	4		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Saturday ^{day} January 23 rd 1864
1	4		E N E	North		Comes in with moderate breeze and squally weather.
2	4		"	"		
3	4		"	"		
4	4		"	"		
5	4		"	"		
6	4		"	"		
7	4		East	N N E		
8	4		"	"		
9	5		"	"		
10	5		"	"		Middle & latter parts moderate and fine pleasant weather all chasing sail set I am still unable to do duty Not to sail this morning
11	5		"	"		
12	5		"	"		
1	5		E by N	N by E		
2	5		"	"		
3	5		"	"		
4	5		"	"		
5	5		"	"		Lat 01° 22' 25" S
6	5		"	"		Long by Chron 80° 00' W
7	5		E by N	N by E		
8	5		"	"		
9	5		"	"		
10	5		"	"		
11	5		"	"		
12	5		"	"		

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From Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	1864
						Sunday	January 24 th	
1	4		E by N	N by E				
2	4		"	"				
3	8		"	"				
4	8		"	"				
5	8		"	"				
6	8		"	"				
7	8		E ^{ast}	N ^W E				
8	8		"	"				
9	8		"	"				
10	8		"	"				
11	8		"	"				
12	8		"	"				
1	4		"	"				
2	4		"	"				
3	4		"	"				
4	4		N ^W N ^W E ^{ast}					
5	4		"	"				
6	4		"	"				
7	4		"	"				
8	4		"	"				
9	4		"	"				
10	4		"	"				
11	4		"	"				
12	4		"	"				

Spent these 24 hours light & bright & fine pleasant weather at 3 AM tacked to the N.W.M. I am still unable to do duty

Lat 10° 21' 44" S
Long by Chron 29° 24' W

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	1864
						Monday	January 25 th	
1	8		N N W	N East				
2	8		"	"				
3	8		"	"				
4	8		"	"				
5	8		"	"				
6	8		"	"				
7	8		"	"				
8	8		"	"				
9	8		N N by N	N E by N				
10	8		"	"				
11	8		"	"				
12	8		"	"				
1	8		"	"				
2	8		"	"				
3	8		"	"				
4	8		N ^W West	N N E				
5	8		"	"				
6	8		"	"				
7	8		"	"				
8	8		"	"				
9	8		"	"				
10	8		"	"				
11	8		"	"				
12	8		"	"				

Throughout these 24 hours light & fine pleasant weather I am still unable to do duty

Lat 10° 20' 54" S
Long by Chron 30° 36' W
Eighty two Days Out

Bartholemew Carr M^o D^o Shon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Tuesday January 26 th 1864						
1	3		N by W	N by E		Comes in with light breeze from the Northward and fine clear weather At 4 P. M. tacked to the Eastward
2	3		"	"		
3	3		"	"		
4	3		"	"		
5	3		E by N	North		
6	3		"	"		
7	3		"	"		
8	3		"	"		
9	3		"	"		
10	3		E by N	"		
11	3		"	"		Middle & Leather Part Moderate breeze made the land but I am still unable to do duty
12	3		"	"		
1	4		"	"		
2	4		"	"		
3	4		"	"		
4	4		"	"		
5	4		"	"		
6	4		"	"		
7	4		"	"		
8	5		"	"		
9	5		"	"		
10	5		"	"		At 2 being in the Island Trinidad four S. E. by E per Compass Dist 15 Miles
11	5		"	"		
12	5		"	"		
1	5		"	"		
2	5		"	"		Lat 0° 20' 15" S Long 69° 23' W
3	5		"	"		
4	5		"	"		
5	5		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Wednesday January 27 th 1864						
1	3		E N E	North		Throughout these 24 hours light breeze & clear weather S. A. M. tacked to the N. N. W. West the 6 th this morning I am still unable to do duty
2	3		"	"		
3	3		"	"		
4	3		"	"		
5	3		"	"		
6	3		"	"		
7	3		"	"		
8	3		E by N	N by E		
9	3		"	"		
10	3		"	"		
11	3		"	"		Lat 0° 19' 30" S Long 69° 28' 15" W
12	3		"	"		
1	3		"	"		
2	3		"	"		
3	3		"	"		
4	3		"	"		
5	4		"	"		
6	4		N N W	N E by E		
7	4		"	"		
8	4		"	"		
9	5		N N W	N N E		
10	5		"	"		
11	5		"	"		
12	5		"	"		

From Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Thursday day of January 28 th 1864
1	1		N West	N N E		Comes in with moderate breeze and pleasant W & S. Hatched to the Eastward. at 6 Do tacked to the N N E
2	1		"	"		
3	1		"	"		
4	1		"	"		
5	1		E S N	N E E		Middle & Gutter Partly Moderate breezes with passing squalls of rain I am still unable to do duty Lat 18° 25' S Long by Chron 155° 15' W
6	1		East	N N E		
7	1		N N E	N E S		
8	1		"	"		
9	1		"	"		
10	1		"	"		
11	1		"	"		
12	1		"	"		
1	1		"	"		
2	1		"	"		
3	1		"	"		
4	1		"	"		
5	1		"	"		
6	1		"	"		
7	1		"	"		
8	1		"	"		
9	1		"	"		
10	1		"	"		
11	1		"	"		
12	1		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Friday day of January 29 th 1864
1	1		N N E	N N E		Comes in with fresh breeze & fair weather at 6 P.M. singh over the Top Sail
2	1		"	"		
3	1		"	"		
4	1		"	"		
5	1		"	"		Middle & Gutter Partly fresh breezes with passing squalls I am still unable to do duty Lat 15° 22' S Long by Chron 155° 15' W Eighty Six Days On P
6	1		"	"		
7	1		N N E	N E S		
8	1		"	"		
9	1		"	"		
10	1		"	"		
11	1		"	"		
12	1		"	"		
1	1		"	"		
2	1		N N E	N E S		
3	1		"	"		
4	1		"	"		
5	1		"	"		
6	1		"	"		
7	1		"	"		
8	1		"	"		
9	1		"	"		
10	1		"	"		
11	1		"	"		
12	1		"	"		

Bark Helen War Wm D. Hon. Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS
						Saturday day January 30 th 1864
1	1		NW 1/4 N	N 1/2 E 1/4 N		
2	1		"	"		
3	1		"	"		
4	1		"	"		
5	1		"	"		
6	1		East	N 1/2 E		
7	6		"	"		
8	6		"	"		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	6		"	"		
1	6		"	"		
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	6		"	"		
8	6		N 1/2 N	N 1/2 East		
9	6		"	"		
10	6		N 1/2 E	N 1/2 E		
11	6		"	"		
12	6		"	"		

Throughout these 24 hours fresh
Breezes & fine weather at 5 P.M.
tacked to the Eastward
at 9 A.M. tacked to the NW
I am still unable to do duty
Met the Oil off this morning

Cut 0° 16' 04" S
Long 81° 07' W

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday day of January 31 st 1864
1	1		N 1/2 N	N 1/2 E		
2	1		"	"		
3	6		"	"		
4	6		"	"		
5	1		"	"		
6	1		"	"		
7	1		North	E 1/2 N		
8	1		"	"		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	6		"	"		
1	6		N 1/2 E	E 1/2 N		
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	6		"	"		
8	6		"	"		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	6		"	"		

Throughout these 24 hours fresh
with fine pleasant weather
I am still unable to do duty
and am failing fast every day

Cut 0° 15' 05" S
Long 81° 31' W

From Honolulu Towards Boston

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H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	7		N by E	East		Monday day of February 1 st 1864
2	7		"	"		
3	7		"	"		
4	7		"	"		
5	7		"	"		
6	7		"	"		
7	7		"	"		
8	8		"	"		
9	8		"	"		Throughout these 24 hours Moderate
10	8		"	"		Breezes & fine & pleasant weather
11	8		"	"		all drawing Sails &c
12	8		"	"		
1	8		"	"		I am still unable to do duty
2	8		"	"		
3	8		"	"		
4	8		"	"		
5	8		"	"		Lat $00^{\circ}12'09''$ S
6	8		"	"		Long $156^{\circ}01'36''$ W
7	8		"	"		
8	8		"	"		
9	9		"	"		
10	9		"	"		
11	9		"	"		
12	9		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	9		North	East		Tuesday day of February 2 nd 1864
2	9		"	"		
3	8		"	"		
4	8		"	"		
5	7		"	"		
6	7		"	"		
7	7		"	"		
8	8		"	"		This Day Throughout Moderate
9	8		"	"		breezes with fine pleasant
10	8		"	"		we a fine
11	8		"	"		I am still unable to get on deck and am
12	8		"	"		getting very feeble scarcely able to stand
1	7		"	"		
2	7		"	"		
3	7		"	"		Lat $00^{\circ}19'19''$ S
4	7		"	"		Long $156^{\circ}02'20''$ W
5	7		"	"		Ninety Days Out
6	7		"	"		
7	7		"	"		
8	6		"	E by N		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	6		"	"		

Bar^{to} Helen War^m W. Dishon. Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	6		N ¹ / ₂ W	East		<i>Wednesday day of February 3rd 1864</i> Throughout these 24 hours Weather at 7 fine breeze I am still off duty Lat 06° 25' S Long 60° 34' W
2	6		"	"		
3	5		"	"		
4	11		"	"		
5	11		"	"		
6	11		"	"		
7	7		"	"		
8	8		"	"		
9	8		"	"		
10	8		"	"		
11	8		"	"		
12	8		"	"		
1	8		"	"		
2	8		"	"		
3	8		"	"		
4	8		"	"		
5	8		"	"		
6	8		"	"		
7	8		N by W	"		
8	8		"	"		
9	8		"	"		
10	8		"	"		
11	7		"	"		
12	7		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	6		N by W	E S E		<i>Thursday day of February 4th 1864</i> Throughout these 24 hours light breeze & fine pleasant weather I am still off duty Lat 06° 45' S Long 60° 15' W
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	3		"	"		
8	3		"	"		
9	3		"	"		
10	3		"	"		
11	3		"	"		
12	3		"	"		
1	3		"	"		
2	3		"	"		
3	3		"	"		
4	3		"	"		
5	3		N N W	S East		
6	3		"	"		
7	3		"	"		
8	3		"	"		
9	3		"	"		
10	3		"	"		
11	3		"	"		
12	3		"	"		

From Honolulu Towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS. Friday day of February 5 th 1864
1	7		N by E	S E.		Begins with moderate breezes and fine weather
2	7		"	"		
3	7		"	"		
4	7		"	"		
5	7		"	"		
6	7		"	"		
7	7		"	"		
8	7		"	"		
9	7		"	"		
10	7		"	"		
11	7		"	"		
12	6		"	"		
1	6		"	"		Middle and latter parts Light breezes and good weather
2	6		"	"		
3	6		"	"		
4	5		"	"		
5	5		"	"		
6	5		"	"		
7	5		N by E	N E		
8	5		"	"		
9	5		"	"		
10	5		"	"		
11	5		"	"		
12	2		"	"		

Obs^d Lat. 2.11

Long 37.00 by Chro.

Pumps regularly attended to.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS. Saturday day of February 6 th 1864
1	5		N by E	N by E.		Begins with moderate breezes and squally appearances
2	5		"	"		
3	5		"	"		
4	5		N. A. N.	North		
5	5		"	"		
6	6		"	"		
7	6		"	"		
8	7		N by E	N by E.		
9	7		"	"		
10	7		"	"		
11	8		"	"		
12	8		"	"		
1	8		"	"		Middle and latter parts moderate breezes and good weather All sail set by the wind
2	8		"	"		
3	8		"	"		
4	8		"	"		
5	8		"	"		
6	7		"	"		
7	7		"	"		
8	7		"	"		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	5		"	"		

Obs^d Lat 43.1 S

Long 39.21 by Chro.

Employed getting ship in order.

Pumps regularly attended to.

Bark "Helen Mar" Wm. Deshon. Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Sunday day February 7 th 1864
1	6		N by N. N E by E			Begin light breezes and fine weather
2	6		"	"		
3	6		"	"		
4	6		"	"		
5	6		"	"		
6	6		"	"		
7	6		"	"		
8	7		"	"		
9	7		N by N. N E by E			
10	7		"	"		
11	7		"	"		
12	7		"	"		Middle and latter parts moderate
1	7		"	"		breezes from N E to E N E and
2	7		"	"		fine weather. All sail set by
3	7		"	"		the wind
4	7		"	"		Obs ^d Lat. 1° 07' North
5	7		"	"		Long 41° 25' by Chro.
6	7		"	"		Pumps regularly attended to
7	7		"	E N E		
8	7		"	"		
9	7		"	"		
10	7		"	"		
11	7		"	"		
12	7		"	"		

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
						Monday day of February 8 th 1864
1	6		N by N. N E by E			Begin light breezes from N E by E,
2	6		"	"		and fine weather.
3	5		"	"		At 6 A.M. furlled royals
4	5		"	"		
5	5		"	"		Middle and latter parts
6	5		"	"		fresh breezes and squally.
7	6		"	"		with a head sea
8	6		N by N. N E			At 7 A.M. furlled flying jib
9	6		"	"		and gaff topsail. At 8 A.M. furl
10	6		"	"		top gallant sails
11	6		"	"		
12	6		"	"		At noon single reefed topsails
1	6		"	"		and set main top gallant sail
2	6		"	"		
3	7		"	"		Obs ^d Lat 3° 13' North
4	7		"	"		Long 43° 30' by Chro.
5	7		"	"		Pumps regularly attended to
6	7		"	"		
7	7		"	"		
8	7		"	"		
9	6		"	"		
10	6		"	"		
11	6		"	"		
12	6		"	"		

From Honolulu towards Boston

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	7		NW by N	N by E	2 way	Throughout these 24 hours strong
2	7		"	"	Throng	breezes and squally weather with
3	7		"	"	"	a confused sea
4	7		"	"	"	At 4 P.M. furlled main top gallant
5	7		"	"	"	sail
6	7		"	"	289	At 6 P.M. double reefed the tops
7	7		"	"	5-8	sails
8	7		"	"	547	At 11 P.M. furlled the gib & spanker
9	7		Throng	5-3 1/2	400	
10	7		"	"	5-3	At 10 A.M. took one reef from the
11	7		"	"	44	main top sail and set the gib &
12	8		gun	37	73	spanker
1	8		"	"	135	
2	8		"	"	188	Obs'd Lat. 5° 6' North
3	8		"	"	371	Long 45° 43' by Chron.
4	8		"	"	5-3 1/2	
5	8		"	"	4750	Spencer S F Spencer
6	8		"	"	331	S Spencer
7	8		"	"	544	S F Spencer Spencer
8	8		"	"	289	S F Spencer
9	8		"	"	"	S F Spencer
10	8		"	"	"	S F Spencer
11	8		"	"	"	S F Spencer
12	8		"	"	"	S F Spencer

S F Spencer S

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	7		NW by N	N by E		Throughout these 24 hours
2	7		"	"	NH	strong breezes and squally with
3	7		"	"	ABC	a large sea
4	7		"	"	DDC	At 3.30 P.M. double reefed the
5	7		"	"	FGH	main top sail
6	7		"	"	JKL	At 7 P.M. furlled the gib and
7	7		"	N E	LMN	spanker.
8	7		"	"	OPQ	Mr Malins still sick.
9	7		"	"	RST	Wet the oil this morning
10	7		"	"	UVW	
11	7		"	"	XYZ	Obs'd Lat 6° 56'
12	7		"	"	"	Long 47° 43' by Chron.
1	7		"	"	"	Pumps regularly attended to.
2	7		"	"	"	
3	7		"	"	"	
4	7		"	"	"	At Honolulu Boston
5	7		"	"	"	Boston S F Spencer
6	7		"	"	"	Spencer Spencer
7	7		"	"	"	Bark Helen Mar
8	7		"	"	"	Boston Helen Mar
9	7		"	"	"	Helen Helen
10	7		"	"	"	
11	7		"	"	"	
12	7		"	"	"	

Helen
Bark "Helen" Mar. Wm. Deshon, Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	7		NW by N	N.E.	10 48	Thursday day February 11 th 1864
2	7		"	"	11 10	Throughout these 24 hours
3	7		"	"	21 00	strong N.E. wind and squally
4	7		103-6	"	21 00	weather, with a large sea. Ship
5	7		38,21	"	68	under double reefs
6	7		98,44	"	357	Mr Mealing appears to be a
7	7		146 01	"	400	little better to-day.
8	7		73,00	"	43	
9	7		NW by N	"	10	90
10	7		81,40	"	18	814
11	7		93,98	"	2130	9844
12	7		41,54	"	530	
1	7		46,3-94	"	9402	Obs ^d Lat ^d 8° 58'
2	7		94,620	"	51066	Long. 49° 00' by Chro.
3	7		95,1066	"	97553	Ship may have a nap
4	7		9,753-33	"	354	March 28 th Shiverick
5	7		"	"	400	Pumps regularly attended to.
6	7		115-	"	40	
7	7		81	"	3750	
8	7		34	"	288	San Francisco
9	7		28	"	58	Helen Mar
10	7		34	"	377	
11	7		88	"		At 6 Pm Jpg shook our ack
12	7		273	"		Jpg Boat-lookout took us in tow
			13	"		and proceeded to sea passed thru
			280			

Shiverick
Shiverick Fatmouth
Friday day of February 12th 1864

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
1	7		NW by N	N.E.	10 30	Throughout these 24 hours, strong
2	7		"	"	10 12	brezes, and squally weather.
3	7		10,40	"	10 45	and a large sea. Ship under
4	7		38,39	"	488-	double reefs laboring heavily
5	7		99,27	"	3750	
6	7		46,40	"	830	Friday Map
7	7		73,23	"	10	At noon shook one reef out
8	7		0,4	"	10	of the topsails
9	7		2,43	"	10	
10	7		"	"	10	At noon shook one reef
11	7		"	"	10	out of the topsails
12	7		"	"	10	Obs ^d Lat. 11° 27'
1	7		79,50669	"	7	Long 50° 30' by Chro.
2	7		9,75334	"	7	23-52
3	7		"	"		Pumps regularly attended to.
4	7		"	"		
5	7		"	"		
6	7		"	"		
7	7		"	"		

From Honolulu Towards Boston.

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H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	134 th day of February	1864
1	8		NW $\frac{1}{2}$ N.	N E by E.		Throughout these 24 hours, strong breezes from N E by E. to East with squalls at intervals		
2	8		"	"		At 5 P.M. set main top gallant sail.		
3	8		"	"		At 7 A.M. set fore top gallant sail over single reefed top sail.		
4	8		"	"				
5	9		"	"				
6	9		"	"				
7	9		"	East.				
8	10		"	"				
9	10		"	"				
10	10		"	"		Met the oil this morning.		
11	10		"	"		Mr. Maling about the same.		
12	10		"	"				
1	9		"	"		Obs. Lat. 14°		
2	9		"	"		Long $53^{\circ} 10'$ by Chro.		
3	9		"	"				
4	9		"	"				
5	9		"	"				
6	9		"	"				
7	9		"	"				
8	8		"	"		Pumps regularly attended to.		
9	8		"	"				
10	8		"	"				
11	8		"	"				
12	8		"	"				

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Sunday 14 th day of February	1864
1	6		NW $\frac{1}{2}$ N.	East.		Begins squally, but little wind at times.		
2	6		"	"		Middle part moderate breezes from East to E S E.		
3	6		"	"		Latter part light S E by E wind and good weather, all sail set		
4	6		"	"		Mr. Maling is about the same.		
5	6		"	"				
6	7		"	"				
7	7		"	"				
8	8		"	E. S. E.		Obs. Lat $15^{\circ} 55'$		
9	8		"	"		Long $53^{\circ} 16'$ by Chro.		
10	8		"	"				
11	8		"	"				
12	8		"	"				
1	8		"	"		Pumps regularly attended to.		
2	8		"	"				
3	8		"	"				
4	8		"	"				
5	7		"	S. E.		102 Days out.		
6	7		"	"				
7	6		"	"				
8	6		"	"				
9	6		"	"				
10	6		"	"				
11	5		"	"				
12	5		"	"				

Barb Helen Mar. Wm. Deshon Master.

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Monday ^{day} 15 th February 1867
1	5		NW 1/2 N	E. N. E.		Begins with light breezes from E. N. E. and good weather.	
2	5		"	"			
3	5		"	"			
4	5		"	"			
5	5		"	"			
6	5		"	"		Middle and Latter parts	
7	4		"	"		light variable wind with	
8	4		"	"		good weather	
9	4		"	"			
10	4		"	"			
11	5		"	"			
12	6		"	"			
1	6		"	"		Obs ^d Lat. 17° 12'	
2	6		"	"		Lon. 56° 38' by Chro.	
3	6		"	"			
4	5		"	"			
5	5		"	"			
6	5		"	"		Pumps regularly attended to.	
7	5		"	"			
8	5		"	"			
9	5		"	"			
10	5		"	"			
11	5		"	"			
12	6		"	"			

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Tuesday ^{day} 16 th February 1867
1	5		NW 1/2 N	Variable		Throughout these 24 hours	
2	5		"	"		light breezes varying from	
3	4		"	"		N. N. E. to S. E. back and forth	
4	4		"	"		with fine weather, all sail set	
5	4		"	"		to best advantage.	
6	4		"	"			
7	4		"	"			
8	4		"	"			
9	4		"	"			
10	4		"	"		Obs ^d Lat. 18° 23'	
11	4		"	"		Lon. 57° 31' by Chro.	
12	4		"	"			
1	4		"	"			
2	4		"	"		Pumps regularly attended to.	
3	4		"	"		104 Days out.	
4	4		"	"			
5	4		"	"			
6	4		"	"			
7	4		"	"			
8	4		"	"			
9	4		"	"			
10	4		"	"			
11	4		"	"			
12	4		"	"			

From Honolulu for Boston.

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H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.	Wednesday ^{day of} February	18 64
1	4		NW & N.	E. S. E.		Throughout these 24 hours		
2	4					light E. S. E. winds and fine		
3	4					weather.		
4	4					All sail set to best advantage		
5	4							
6	4							
7	5							
8	5		NW by N.					
9	5							
10	5					Wet the oil this morning.		
11	5							
12	5							
1	6					Obs ^d Lat. 20° 0'		
2	6					Long. 59° 20' by Chron.		
3	6							
4	6							
5	6							
6	6							
7	6							
8	6							
9	6					Pumps regularly attended to.		
10	6							
11	6							
12	6							

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.	Thursday ^{day of} February	18 64
1	6		NW by N. E. S. E.			Throughout these 24 hours		
2	6					light breezes from E. S. E. and		
3	6					East and fine weather.		
4	6					All sail set.		
5	6							
6	6							
7	6							
8	6					Obs ^d Lat 21° 35'		
9	6					Long. 60° 44' by Chron.		
10	6							
11	6							
12	6			East				
1	6							
2	6							
3	6							
4	6					Pumps regularly attended to.		
5	6							
6	6							
7	6							
8	6							
9	6							
10	6							
11	6							
12	6							

Bark "Helen Mear" Wm. Deshou. Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday 19 th day February 1864.
1	7		NW by N	East.		Throughout these 24 hours,
2	7					brisk breezes from East to
3	8					E S E. and fine weather.
4	8					All sail set.
5	8					
6	8					Mr. Maling remains about
7	7					the same
8	7					
9	8			E. S. E.		
10	8					Obs ^d Lat. 24° 26'
11	9					Long 63° 00' by Chro.
12	9					
1	9					
2	10					
3	10					
4	10					Pumps regularly attended to.
5	10					
6	10					
7	9					
8	9					
9	9					
10	9					
11	9					
12	9					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS. Saturday 20 th day of February 1864.
1	8		NW	S E by S.		First and Middle parts, brisk
2	8					breezes from S E by S to South.
3	8					
4	8					Latter parts moderate South
5	8					wind, fine weather throughout.
6	8					
7	8					
8	8					
9	8					Obs ^d Lat. 26° 35'
10	8					Long 65° 20' by Chro.
11	8					
12	8					
1	8			South		
2	8					Met the oil this morning.
3	8					
4	7					Pumps regularly attended to.
5	7					
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					

From Honolulu towards Boston.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Sunday 21 st day of February 1864						
1	9		N.W.	S.S.W.		Begins with brisk S.S.W. wind
2	9					and smoky weather.
3	9					At 8 P.M. increasing breeze with
4	9					lightening to the West and
5	9					North. Took in sail to double
6	9					reefed topsails. At 11 P.M. the
7	8					wind changed to N.W. Close
8	8					reefed the topsails. reefed the
9	6					courses. furled, got, spanker and
10	6					mainsail. The main truss
11	6					carried away.
12	2		N.E. by N. N.W. by N.			Latter part.
1	2					Moderate breezes
2	2					from N.W. by N. and good weather.
3	2					Repaired main truss and made
4	2					sail.
5	2					
6	2					Obs'd. Lat. 27° 46'
7	2					Long. 66° 00' by Chro.
8	2					
9	2					Mr. Mealing is worse.
10	2					Pumps regularly attended to.
11	2					
12	2					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Monday 22 nd day of February 1864						
1	3		N.E.	N.N.W.		Begins with moderate breezes
2	3					from N.N.W. and good weather, with
3	3					a confused sea.
4	3					Middle and latter parts calm.
5	3		N by N.			Unbent fore topsail, repaired
6	3					it and bent it again.
7	2					
8	2					Mr. Mealing very sick, cannot
9	Calin			Calin		live long.
10						
11						
12						Lat. 27° 50' D. R.
1						Long. 66° 35' by Chro.
2						
3						
4						
5						
6						
7						Pumps regularly attended to.
8						
9						
10						
11						
12						

Bark "Helen Mar." Wm. Deshon, Master.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Tuesday 23 rd February 1864						
1						Begins with calm, overcast weather.
2						Middle part light airs and
3						calm.
4						At 4 A.M. tacked ship to N E by N.
5						Scatter part light breeze from
6						N W by N. and fine weather.
7						
8						We have a S.W. current the
9	2		West.	N. N. W.		last 48 hours.
10	2					
11	2					Obs ^d Lat 27° 45'
12	2					Long 66° 50'
1	2					
2	2					Mr. Moaling appears to be about
3	2					the same as yesterday very low.
4	2		N E by N. N W by N.			
5	2					
6	3					Pumps regularly attended to.
7	3					
8	4					
9	4					
10	4					
11	4					
12	4					

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.
Wednesday 24 th February 1864						
1	4		N E by N. N W by N.			Begins with light breezes from N W by N.
2	4					and fine weather.
3	4					At 7 P.M. tacked to westward.
4	4		N. E.	N. N. W.		At 11 " " tacked to eastward.
5	4					Middle and latter parts
6	4					light airs and calms, with
7	4					fine weather.
8	3		West.			
9	3					Obs ^d Lat. 28° 20'
10	3					Long 66° 20' by Chron.
11	3					
12	2		N E by N. N W by N.			
1	2					Mr. Moaling appears about
2	2					the same as yesterday.
3	2					
4	2					
5	2					
6	2					
7	2					Pumps regularly attended to.
8	2					
9	2					
10	2					
11	2					
12	2					

From Honolulu towards Boston.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.	Thursday 25 th day of February	18 64.
1			Calm.	Calm.		Begins with calm weather.		
2								
3								
4						Middle, and latter parts,		
5						Light variable airs. and calm.		
6								
7								
8						Obs ^d Lat. 28° 48'		
9						Lon. 66° 05' by Chro.		
10								
11	2		N. N. W.					
12	2					Mr. Maling still continues the		
1	2					same, wandering in his mind.		
2	2		N. N. E.					
3	2							
4	2							
5	2		N. E. by N.			Pumps regularly attended to.		
6	2							
7	2							
8	2							
9	2							
10	2		N. N. E.					
11	2							
12	2							

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEE WAY.	REMARKS.	Friday 26 th day of February	18 64.
1	2		N. N. E.	N. W.		Begins light airs from N. W. and		
2	2					fine weather.		
3	2					Middle part, light airs from S. E.		
4	2					Latter part, brisk breeze from S. W.		
5			Calm.	Calm		and pleasant weather.		
6								
7						Obs ^d Lat. 29° 43'		
8						Lon. 66° 34' by Chro.		
9								
10								
11	2		N. N. W.	S. E.				
12	2							
1	2							
2	2							
3	3					At 3 A. M. J. W. Maling, chief officer		
4	3					died of dysentery.		
5	4		N. W.	South.				
6	4							
7	4					Pumps regularly attended to.		
8	4							
9	4							
10	6							
11	7							
12	7							

Bark "Helen" Master Wm. Deshon, Master,

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18 ⁶⁴
						Saturday 27 th	February	
1	9		N W.	S W.		Begins fresh S.W. winds and		
2	7					clear weather.		
3	10					At 1 P.M. buried Mr. Moaling.		
4	10					The coffin was of 2 in. spruce plank.		
5	10					7 ft. long. 18 in. x 12 in. Ballasted with 12 lbs.		
6	8					coal. it was firmly spiked together.		
7	7					At 5 P.M. took in sail to double		
8	7					reefed topsails.		
9	7					At 6-30 P.M. fast increasing gales		
10	7					with bad head sea. Close reefed the		
11	5					topsails, reefed courses, and furled		
12	2		N. N. E.	W. N. W.		gib and spanker		
1	2					At 10-30 P.M. the wind changed to		
2	2				2 points	W. N. W. took in the fore topsail		
3	2					latter part. Strong N.W. gale, and		
4	2					large sea. Set fore topsail, main sail		
5	2					gib and spanker.		
6	2							
7	2					Obs ^d Lat. 30° 52'		
8	3					Long. 67° 10' by Chro.		
9	3							
10	3					Pumps regularly attended to.		
11	3							
12	3							

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18 ⁶⁴
						Sunday 28 th	February	
1	4		N by N.	N W by N. 1 point		Begins with strong gale from		
2	4					N W by N. Flawgy and large		
3	4					sea.		
4	4					At 6.30 P.M. wore ship to West.		
5	4					Middle part, moderating breezes,		
6	3					and flawgy. Made sail as required.		
7	3		West	N. N. W.		Latter part, light breeze from		
8	3					North to N by E. and flawgy.		
9	3					All sail set.		
10	3							
11	3							
12	3		W. N. W.	North		Loose of gulf weed.		
1	3					Obs ^d Lat. 31° 13'		
2	3					Long. 67° 50' by Chro.		
3	3							
4	3							
5	3							
6	3					Pumps regularly attended to.		
7	3							
8	4		N W by W.	N by E.				
9	4							
10	4							
11	4							
12	4							

From Honolulu towards Boston.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
						Monday 29 th February.		64
1	3		N.W.	N.N.E.		Begins with light breezes from		
2	3					N.E. and large head sea.		
3	3							
4	3							
5	3							
6	3					Middle part.		
7	3					Light airs from		
8	3		N.W. by N.			N.N.E. to S.S.E.		
9	3							
10	3			N.E.				
11	3					Latter part.		
12	3					Light airs from		
1	3			East.		S.S.E. to N.S.W. and fine		
2	3					weather.		
3	3			S.E.				
4	3							
5	3			S.S.E.				
6	3					Obs ^d Lat. 31° 36'		
7	3					Long. 68° 36' by Chron.		
8	3			South		Pumps regularly attended to.		
9	3							
10	3			S.W.				
11	3							
12	3			N.S.W.				

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
						Tuesday 1 st March.		
1	4		N.N.W. by W.	West.		Begins light breezes from the west, and		
2	4					fine weather.		
3	4					Middle part. Moderate breezes from		
4	4					N.W. by S.		
5	4					Latter part. Fresh N.S.W. wind, and		
6	4					smoky weather with a very bad		
7	3		N.W. by N.	N by S.		head sea.		
8	6					Ends ship under single reefs		
9	7					with main top gallant sail.		
10	8							
11	8					Obs ^d Lat. 34° 12'		
12	8					Long. 70° 28' by Chron.		
1	8							
2	8							
3	8					Pumps regularly attended to.		
4	8							
5	8							
6	8							
7	8							
8	8							
9	8							
10	8							
11	8							
12	8							

N.S.W.

Bark "Helen May" Wm. Deshore. Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Wednesday 2 nd day of March 1864
1	9		NW by N.	S. W.		Begins with strong S. W. wind, and very bad head sea	
2	9					At 1 P. M. furl'd main top gallant sail	
3	9					At 8 P. M. drove the reefed the topsails.	
4	9			S. S. W.		At 11.30 P. M. heavy gales. close reefed topsails, reefed the corners, furl'd main sail and fore topsail.	
5	9					At 4 A. M. wind changed to N. W. furl'd foresail and hove to under close reefed maintop sail and fore topmast staysail.	
6	9		N. N. W.			Ends strong N. W. gale, and large sea. At noon wore ship to west and set reefed fore sail	
7	9						
8	9		N by N.	S. W.			
9	10		N. N. W.				
10	10						
11	10						
12	10						
1	10		N by N.	S. W.			
2	10						
3	10		N. N. W.	S. W.			
4	9		Dup N. E.				
5	1	$\frac{1}{2}$	Off N. E.				
6	1	$\frac{1}{2}$	by E.				
7	1	$\frac{1}{2}$		N. N. W.			
8	1	$\frac{1}{2}$					
9	1	$\frac{1}{2}$					
10	1	$\frac{1}{2}$					
11	1	$\frac{1}{2}$					
12	1	$\frac{1}{2}$					

Obs^d Lat 36.° 9'
Long 71.° 4' W. R.

Pumps regularly attended to.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Thursday 3 rd day of March 1864
1	2		West.	N. N. W.	2 points	Begins strong N. N. W. gale and large sea.	
2	2						
3	2						
4	2					At 4 P. M. set fore topsail and main sail.	
5	2				1 point		
6	2					At midnight wind blowing in heavy gusts furl'd fore topsail.	
7	2						
8	2						
9	2						
10	2					At 6 A. M. set the fore topsail.	
11	2						
12	2						
1	2				2 points	Ends strong gales from North. & N by W and large sea	
2	2						
3	2						
4	2						
5	2						
6	3				1 point.	Obs ^d Lat 35.° 47' Long 72.° 18' by Chrd.	
7	3		W by N.	N by W.			
8	3					Pumps regularly attended to.	
9	3						
10	3						
11	3		N. N. W.	North.			
12	3						

From Honolulu towards Boston.

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Friday 4 th day of March.	1854
1	3		N. N. W.	North.		Begins with moderating gales and fluky with large sea.	Made sail as required	
2	3							
3	3							
4	3							
5	3							
6	3							
7	2							
8	2							
9			Calm.	Calm.		Middle part calm.		
10								
11								
12								
1						Latter part, light airs from S. S. W. and fine weather		
2						All sail set.		
3								
4								
5						Obs. Lat. 38° 00'		
6						Long. 72° 27' by Chron.		
7								
8								
9	2		North.	S. S. W.		Pumps regularly attended to.		
10	2							
11	2							
12	2							

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Saturday 5 th day of March	1854
1	4		North.	S. S. W.		Begins with light S. S. W. wind and hazy.	Middle and latter parts Moderate breezes and good weather All sail set.	
2	4							
3	5							
4	5							
5	6							
6	7							
7	8							
8	8							
9	8					Obs. Lat. 38° 20'		
10	8					Long. 72° 05' by Chron.		
11	7							
12	7							
1	6					Pumps regularly attended to		
2	6							
3	6							
4	6							
5	5							
6	5							
7	5							
8	6			S. S. E.				
9	6							
10	6							
11	6							
12	6							

Bark Helen Mar. Wm Deshon Master

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day	1864
						Sunday 6 th March		
1	7		N E.	S E		Begins with moderate S E winds		
2	7					and hazy weather.		
3	8		N E $\frac{1}{2}$ E.					
4	8					Middle part moderate to light		
5	8					breezes with rainy weather and		
6	8		N E $\frac{3}{4}$ E.			lightening in the N W.		
7	8					took in sail to double reefed top-		
8	8					sails		
9	8					Latter part calm with occasional		
10	7					light airs from N W. and		
11	7					thick rainy weather		
12	7							
1	7					Lat ^d 39° 52' D. R.		
2	5					Long. 76° 20' D. R.		
3	5							
4	5							
5	5							
6	4					Pumps regularly attended to.		
7	4							
8	4							
9	3							
10	Calm							
11								
12								

dr 8 $\frac{3}{4}$ dr. 14

dr 8 $\frac{1}{4}$ dr. 24

dr 6 75

dr. E

11-2

17-8

67.2

96.2

38.20.

1.35

39.56

72.05

2.00

70.05

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day	1864
						Monday 7 th March		
1	2		N E $\frac{1}{4}$ E.	N N W.		Begins with light airs from N W		
2	2					and thick & foggy and rainy weather		
3	2					through the night strong S W.		
4	2					wind and thick weather with		
5	1					a very bad sea.		
6	1					At midnight sounded in 85		
7	1					fathoms. At 10		
8	2					At 4 A M. sounded in 30 fathoms.		
9	5			West.		mud		
10	5					At 8 A M. sounded in 32 fathoms		
11	6					Fine black and white sand		
12	6					At noon sounded in 40 fathoms.		
1	6					white sands with dark specks.		
2	6					Ons strong S W wind and bad		
3	5					sea		
4	5					Obs ^d Lat 40° 48' D. R.		
5	5			N S W		Long 59° 10' D. R.		
6	6							
7	6					Pumps regularly attended to.		
8	7			S W.				
9	6							
10	6							
11	6							
12	6							

From Honolulu towards Boston.

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
						Tuesday 8 th	March.	84
1	7		N. E.	S. W.		Beginns strong S. W. gale, with a very		
2	7					bad sea. Weather clearing, at 2 P. M.		
3	7					sounded in 43 fathoms, fine		
4	7		N. N. E.	N. S. W.		sand with black specks.		
5	6					At 5 P. M. wind increasing, from		
6	6		North			N. S. W. close reefed the topsails		
7	5					Through the night, strong gale		
8	5		N. N. W.	N. by S.		hauling to West.		
9	5					At 6 A. M. took one reef from		
10	5			West.		the main topsail		
11	5					Ends moderating breezes,		
12	5					Made sail.		
1	4		N. by W.	N. by N.				
2	4					Obs. Lat ^d 42° N.		
3	4					Long. 69° 00' by Chron.		
4	4							
5	4							
6	4					Pumps regularly attended to.		
7	4			N. 3/4 N.	21			
8	4			N. 1/2 E.	13			
9	3			N. 3/4 W.	11			
10	3			N. N. W. 1/4 W.	25			
11	3			N. 1/2 W.	44			
12	3							
						16-9 12-5 210.48. 69.10		
						12-6 3-2 1-6 1.45 20		
						10-9 15.7 12-9 42.33 69.30		
						21-4 8-5		
						43-2 23 1		
						10 5.0 15.7		
						17.4		

H	K	¹ / ₂ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
						Wednesday 9 th	March.	84
1	2		North	N. N. W.		Beginns nearly calm. Made all sail.		
2	2					Through the night moderate breezes		
3	1					from North to N. W.		
4	1					At 6 A. M. took a pillor from boat		
5	1					N. 3. highlands of Cape Cod bearing		
6	1					S. N. distance about 15 miles		
7	1					At 8 A. M. fresh breezes, single reefed		
8	1					the topsails.		
9	5		N. N. W.	North.		Ends strong N. W. wind and clear		
10	5					weather.		
11	6		West.	N. N. W.				
12	6							
1	5		N. S. W.	N. W.				
2	5							
3	5							
4	5							
5	5							
6	5							
7			Working ship up the bay.					
8								
9								
10								
11								
12								

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day	18
1			12.40	9.48.02		40.01	12.45.45	40.01
2			19.00	8.19		11	29. -	11
3			111.02			40.12	12.16.45	40.02
4			142.42			18.00	3-19	19.00
5			11.21	36.00A		111.03		111.03
6			12.40			169.15		170.15
7			58.41			84.37		85.07
8						40.12		40.12
9			02433			44.25		44.55
10			02995					02433
11			4,50486			02179		02999
12			4,93161			02999		3.93007
1			9,49075			3.97229		4,84885
2			7.29.33			4,84502		8,83324
3			3.19			8,86909		9.58.58
4			7.26.14			9.58.45		3.19
5			9.48.02			3-19		9.55.39
6			2,21.48			9.50.26		12.16.45
7			30			12.16.45		2.21.06
8			5.15			2,26.19		30.15
9			35.27A			30		35.15
10						630		35.15
11						5		35.15
12						36.35B		35.15B

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of	18
1			Friday May. 20 th 1864.					
2			Obs. Distance between the Moon and Planet Saturn. (West)					
3								
4			1699		near Limit			
5			Time. Chron.		List	Planet's Alt.		W. Limit
6			9.26.40		40.19.50	61.20		Moon's Alt.
7			28.46		45	4		24.43
8			Chron. 8.57.54		40.19.05			20
9			Lunar. 8.58.10		15.48	61.16		24.23
10			16		40.34.53			
11					3.42.32			Moon's S.D. 15.41
12					5.27.42			Aug - 7
1					1.40			15.48
2			N		39.46.47.			
3			6.00.00		38.06.20	-2577		
4			2.58.10		2533			Moon's H. Par. 57.28
5			8.58.10.		2.58.10	-44		
6						4959		4939
7						10.0571		10.3842
8						9.8132		9.9327
9						3662		8128
10						1 st Cor. 3.42.32		2 nd Cor. 5.27.42
11								
12								

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY	REMARKS.	Sum	day of	UL Moon
1			12.57.57.		74.54.30		29.42		41.39
2			29.13		45				20
3			12.28.44		74.53.43		29.52		41.19
4			12.30.36		16.18				
5			1.52		15.49				
6					75.25.52				Nov 25. 16.
7					4.29.38				Aug. 11
8					5-10.8				16.1
9					1.31				Jan 50. 15
10					75.07.09				
11					75.23.50		10830		H 59.
12					16.41		2634		
1							17696		4843
2									10.30 28
3									9.98 5-8
4			12.30.36						17729
5									4843
6									10.8-85-2
7									10.180 3
8									1.2498
9									
10									
11									
12									

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	Sum	day of	UL Moon
1			11.12.	12.20.17	17.39		13.41.18		17.39
2			40.00	Lat	40.00		29.41		41.00
3			112.49	110-10	112.49		13.11.32		112.49
4			164.01	Lat	165.01				171.28
5			82.00	56.27	82.30				85.44
6			11.12		11.12				17.39
7			70.48		71.18				68.05
8			115.75	9.26	112.22				12222
9			1035.39	am	035.39				03539
10			4.14856		4.11570				3.87156
11			4.97515		4.97645				4.96742
12			9.26985		9.24976				8.99659
1			8.35.31		8.40.81				9.33.07
2			1.24		1.24				1.23
3			8.34.07		8.39.07				9.31.44
4			12.20.17		12.20.17				13.11.32
5			3.46.10		3.41.10				3.39.48
6			45		45				45
7			11.38		10.15				9.45
8			56.32		55.17				54.57
9									
10									
11									
12									

Sum. No true 82 miles in 4 days

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day	218
1	8.34		12.30.39	8.34		17.09	13.46.40	17.09
2	43.00		E-1	44.00		43.00	E-0	44.00
3	112.59			112.59		112.59	6 miles	112.59
4	164.133			165.33		173.08	for time, Run	174.08
5	82.16			82.46		86.34		87.04
6	8.34			8.34		17.09		17.09
7	73.42			74.12		69.25		69.56
8	135.87			143.07		135.87	Lat. 43.23	143.07
9	03592			03592		03592	Long. 59.33	03592
10	4.12892			4.10006		3.77733	as 9.50. am	3.70903
11	98.218			4.98327		4.97135		4.97276
12	28289			9.26232		8.92047		8.8608
1	8.32.12			8.37.25		9.45.50		9.54.58
2	1-1			1-1		11		11
3	8.31.11			8.36.24		9.44.50		9.53.58
4	12.30.39			12.30.39		13.46.40		13.46.40
5	3.59.28			3.54.15		4.01.50		3.52.42
6	45			45		60		45
7	14.45			13.34		15		13.10 1/2
8	59.52 A			58.34 A		12 1/2		58.10 1/2 B
9						60.27 1/2 B		
10								
11								
12								

June 9 1884

12.58
2.77
15.65
53
2.65
2.77

2.20

H	K	$\frac{1}{2}$ K	COURSES.	WINDS.	LEEWAY.	REMARKS.	day of June	186
1	12.22			5.44.41	12.22	7.28.	7.09.10	7.28
2	8			30.06	8	33.00	30.06	54.00
3	12.30			5.14.35	12.30	113.21	E16	113.21
4	53.00			16 1/2	54.00	173.49		174.49
5	113.21				113.21	86.54	Run S 4m	87.24
6	178.51				179.57	7.28		7.28
7	89.25				89.55	79.26		79.56
8	12.30				12.30	22054		23078
9	76.55				77.25	03711		03711
10	22054				28078	3.73303		3.65670
11	03711				03711	4.99257		4.99326
12	3.00				2.16270	8.98325		8.91785
1	3.00				4.98944	2.24.34		2.13.45
2	4.98858				7.42003	2.24.50		2.14.01
3	8.25402				00.23.31	6.39.04		6.39.04
4	1-1-35				16	4.14.14		4.25.03
5	1-1-16				00.23.47	60		60
6	1.1.51				5.14.35	3 30		6 15
7	5.14.35				4.50.48	63.33 B		66.16 D
8	4.12.44				60			
9	60				12 30			
10	3.11				12			
11	63.11				72.42 A			
12								

11.55
11.60
11.80
15.87

60
4.55
5.30
1.30
11.75

Nov 18th 1884
am

Jarvis Island bearing
by Compass. E.N.E. 8 miles

00.22⁵
24⁹
1-9
139.52
160.00
7-8

all	Time	match.
11.29	5.53.34	6.49
8	39.14	
11.37	17.14.20	
00.24		
109.25		
121.26		
60.43		
11.37		
49.06		

14.31-

19.22-15
3.5
19.25

all	Time	match	
11.29	5.53.34	6.49	14.31-
8	39.14		
11.37	17.14.20	1.	
00.24	6.34.13	14.	
70.35	10.40.07	6	
82.36	150	35	
41.18	10.1 3/4		
11.37	160.1 3/4		
29.41			
1			
023.43			
4.875.79			
4.694.79			
9.596.02			
6.48.44			
14.31			
6.34.13			

Long by Obs. 160.1 3/4 m
Long by Bearings - 160.00 m

90.00
19.25
70.35
552
2760
138
2895

58m. 48
5m 3/4 m. 42
5 1/2 m. 35

5	m
41-6	17-2
25-0	33-7
34-0	58-5
100.6	59.4

158.48
59
1.04
1.41
159.47

37
31
1.085 Lat 84m 1/4 m. 20
189.57 Long 30 m.

5	m
19.4	4-9
12.0	5-0
37-4	9-4

9104

De 99 Benj Park

5.21.3
52-10
51.24
56.00
113.25
174.49
87.24
51.24
82.00
25244
03733
3.65670
4.99575
8.94222
9.42-19
2-10
9.44.29
14.31.57
4.47.22
60
11.45
71.50 1/2 A

15.02.25
30.34
14.31.51
5.24
57.00
113.25
175.49
87.54
51.24
52.30
26389
03733
3.56400
4.99627
8.86149
9.34.52
2-10
9.57.02
14.31.51
4.34.49
60
8 30
12
68.42 A'

106
26
132 10.41
52-10 15.59.37
30.34
15.29.03
8.39
6
8.45
56.00
113.25
178.10
89.05
8.45
80.20
25244
03733
3.20407
4.99379
8.48763
11.39.14
2-10
10.41.24
15.29.03
4.47.39 26-2
6-5
60
11 45
10
71.558
2.42
26
2.16
158.5
7
157.58
6 5.29 B'
8.39
6
8.45
57.00
113.25
179.10
89.35
8.45
80.50
26389
03733
2.86166
4.94442
8.15730
11.04.56
2-10
11.07.06
15.29.03
4.21.57
60
5 15
14
157.58
6 5.29 B'

Summe
13.41.08

56.00
113.23
169.23
22
169.01
54.30
22
84.52
25244
03722
3.98157
4.99825
9.26948
8.35.37
2.22
8.37.59 A
13.41.08
51.03.09
75
45
2
75.47 A

52.22 57.00
113.23
170.23
22
170.01
85.00
22
85.22
26389
03722
3.94030
4.99835
9.23999
8.42.54
2.22
8.45.16 A'
13.41.08
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17.27
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4.63478
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9.52276
4.42.54
14.32
4.27.12
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14.59.03
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14.59
 18.07
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 141.38
 70.49
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 35.42
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 947900
 7.38.40
 16.2
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18.80.40
 38.50
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 138
 8 30-41
 138.394
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56.8
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11.50.3
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 38.5
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 88

